

REVISIONS			
LTR	DESCRIPTION	DATE (YR-MO-DA)	APPROVED
X0	PROTOTYPE RELEASE	06-10-18	SD
XA	SH (1) UPDATE REV STAT OF SHT BLK SH 2 (2) CHANGE QTY TO 14 FOR B1821BH031C125N SCREW (3) ADD B1821BH031C175N SCREW QTY 4 SH 7 (4) REV PARA. 3-6 STEP B (5) REV PARA. 3-6 STEP C (6) REV PARA. 3-6 STEP L SH 8 (7) REV PARA. 3-7 STEP B (7) ADD NEW STEP C (9) RESEQUENCE REMAINING STEPS SH 11 (10) REV PARA. 3-12 STEP F SH 27 (11) * 6 – SCREW – B1821BH031C125N WAS △ 6 – SCREW SH 34 (12) 4 – SCREW – B1821BH031C175N * WAS 4 – SCREW △	06-12-07	SD

- NOTES:
- APPLICABLE STANDARDS/  
SPECIFICATIONS:  
A. ASME Y14.100M-1998
  - CALLOUTS ARE IDENTIFIED AS FOLLOWS:  
\* NEW PARTS INCLUDED IN KIT  
# PARTS TO BE REMOVED AND DISCARDED  
△ PARTS TO BE REMOVED AND REUSED  
⊕ PARTS TO BE REMOVED AND RETURNED TO SHIPPING/STORAGE CONTAINER
  - ALL DIMENSIONS ARE IN INCHES

# **INSTALLATION INSTRUCTIONS FOUR-MAN ENHANCED PERIMETER ARMOR, FRAG 1, 2, AND 5 MODIFICATION KIT**

## **SECTION I. INTRODUCTION**

- 1-1. PURPOSE. THE PURPOSE OF THESE INSTRUCTIONS IS TO PROVIDE A PROCEDURE FOR THE INSTALLATION OF THE M1151P1 ENHANCED PERIMETER ARMOR, FRAG 1, 2, AND 5 KIT.

REV	—	—																
SHEET	53	54																
REV	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
SHEET	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52
REV	—	—	—	—	—	—	—	—	—	—	XA	—	—	—	—	—	—	XA
SHEET	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
REV STATUS OF SHEETS	REV		—	XA	—	—	—	—	XA	XA	—	—	XA	—	—	—	—	—
	SHEET		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16

PMIC NA		CONTRACT NUMBER		<div> <div>INSTALLATION INSTRUCTIONS, FOUR-MAN ENHANCED PERIMETER ARMOR FRAG 1, 2, AND 5 MODIFICATION KIT</div> <div> <div>SIZE</div> <div>CAGE CODE</div> <div>6032143</div> </div> </div>			
APPLICATION		CONTRACTOR					
NEXT ASSEMBLY	USED ON	AM GENERAL LLC ENGINEERING & TECHNICAL SERVICES DIV. LIVONIA, MICHIGAN		<div> <div>SCALE</div> <div>NONE</div> </div>			
		DRAWN BY HB					
		DATE (YR-MO-DA) 06-10-18		<div> <div>UNIT WT.</div> <div>—</div> </div>			
		CHECKER EB					
		ENGINEER S. DECHANE		<div> <div>SHEET 1 OF 54</div> </div>			
6032142	M1151P1	DRAWING APPROVAL S. GRATE					
MATL ENGR		DESIGN APPROVAL					

## SECTION II. INSTALLATION KIT

### 2-1. NEW MATERIAL. INSTALLATION KIT 6032142 CONTAINS THE FOLLOWING ITEMS:

<u>PART NO.</u>	<u>NOMENCLATURE</u>	<u>QTY</u>
12341856	WASHER	2
10910174-19	WASHER	54
10910174-20	WASHER	3
2436162	WASHER	16
2436163	WASHER	49
M24243/1A403	RIVET, BLIND	2
MS35338-44	LOCKWASHER	20
MS35338-45	LOCKWASHER	6
MS35338-46	LOCKWASHER	50
MS51861-45	SCREW, TAPPING	6
MS51943-31	LOCKNUT	14
MS51943-33	LOCKNUT	36
MS51943-35	LOCKNUT	52
B1821BH025C138N	SCREW	7
B1821BH031C125N	SCREW	14
B1821BH031C175N	SCREW	4
B1821BH031C300N	SCREW	4
B1821BH031C450N	SCREW	24
B1821BH038C125N	SCREW	2
B1821BH038C175N	SCREW	14
B1821BH038C200N	SCREW	8
B1821BH038C250N	SCREW	2
B1821BH038C275N	SCREW	2
B1821BH038C325N	SCREW	3
B1821BH038C375N	SCREW	6
B1821BH038C400N	SCREW	2
B1821BH038C450N	SCREW	6
B1821BH038C500N	SCREW	4
B1821BH038C550N	SCREW	8
B1821BH038C650N	SCREW	12
5716844	THREADLOCK	1
5716845	BOLT, EYE	2
6015598	PLATE DATA, SLING/WEIGHT	1
6025205	SEAL	2
6030053	PLATE, TAPPING	2
6030132	ARMOR, FRONT WHEELWELL, LH	1
6030133	ARMOR, FRONT WHEELWELL, RH	1
6030293	UNDERBODY EXTENSION, LH FRONT	1
6030301	SUPPORT, ASSEMBLY, LH FRONT	1
6030337	ARMOR, B-PILLAR	2
6030338	ARMOR, C-PILLAR, LH	1
6030343	ARMOR, C-PILLAR, RH	1

**INSTALLATION INSTRUCTIONS,  
FOUR-MAN ENHANCED  
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<u>PART NO.</u>	<u>NOMENCLATURE</u>	<u>QTY</u>
6030365	ARMOR, A-PILLAR, LH UPPER	1
6030366	ARMOR, A-PILLAR, RH UPPER	1
6030380	COVER, VENT	1
6030573	DOOR, FRONT, LH	1
6030574	DOOR, FRONT, RH	1
6030575	DOOR, RIGHT-REAR, LH	1
6030576	DOOR, RIGHT-REAR, RH	1
6030637	ARMOR, B-PILLAR	2
6030656	ARMOR, CROSSHEADER, LH	1
6030657	ARMOR, CROSSHEADER, RH	1
6030753	SHIM, COMBAT LOCK (0.030 INCH)	8
6030754	SHIM, COMBAT LOCK (0.040 INCH)	8
6030825	ARMOR, A-PILLAR, LOWER, RH	1
6030827	PLATE, ARMOR, SIDE, FRONT, LH	1
6030836	FOUR-MAN KOCH SEATBELT RETROFIT KIT	1
6030845	PLATE ASSEMBLY, COWL, INNER	1
6030874	BRACKET, STRAP, DOOR, REAR	2
6030907	BRACKET, MIRROR	1
6030908	SHIM, DOVETAIL (0.030 INCH)	8
6030909	SHIM, DOVETAIL (0.048 INCH)	8
6030910	SHIM, DOVETAIL (0.060 INCH)	8
6030911	PLATE, ARMOR SIDE, LH	1
6030912	PLATE, ARMOR, ROCKER, RH	1
6031528	PLATE, REINFORCEMENT	2
6032075	BRACKET, STRAP, DOOR	2
6032110	PLATE, A-PILLAR, LH	1
6032114	PLATE, A-PILLAR, RH	1
6032122	STRAP, DOOR	4
6032143	INSTALLATION INSTRUCTIONS	1
6032258	SHIM, COMBAT LOCK (0.060 INCH)	8
6032260	SHIM, COMBAT LOCK (0.090 INCH)	8
6032261	SHIM, DOVETAIL (0.090 INCH)	8
6032277	SUPPORT ASSEMBLY, B-PILLAR, UPPER	2
6032279	1/4 SPACER, DOOR HINGE	2
6032288	PLATE, NUT	2
6032293	SCREW	6
6033438	ASSEMBLY, PLATE, LH	2
6033488	SEAL, DOOR	4

2-2. EXISTING MATERIAL: ALL MATERIAL REMOVED AND NOT USED DURING INSTALLATION WILL BE RETURNED TO STOCK FOR DISPOSITION IN ACCORDANCE WITH AR 725-50.

**INSTALLATION INSTRUCTIONS,  
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## SECTION III. INSTALLATION PROCEDURES

### 3-1. VEHICLE PREPARATION.

- A. SET PARKING BRAKE. (REFER TO TM 9-2320-387-10.)
- B. REMOVE COMPANION SEAT ASSEMBLY. (REFER TO TM 9-2320-387-24.)
- C. REMOVE FIRE EXTINGUISHER FROM BRACKET. (REFER TO TM 9-2320-387-10.)
- D. DISCONNECT NEGATIVE BATTERY CABLES. (REFER TO TM 9-2320-387-24.)
- E. REMOVE LEFT AND RIGHT SIDE MIRRORS. (REFER TO TM 9-2320-387-24.)
- F. REMOVE WINDSHIELD WASHER RESERVOIR. (REFER TO TM 9-2320-387-24.)
- G. REMOVE VEHICLE CONTROL BOX. (REFER TO TM 9-2320-387-24.)
- H. REMOVE DATA PLATE. (REFER TO TM 9-2320-387-24.)
- I. REMOVE WEIGHT/SLING DATA PLATE. (REFER TO TM 9-2320-387-24.)

#### NOTE

- ENSURE ALL HARDWARE IS TAGGED FOR REINSTALLATION.
- DO NOT DISPOSE OF DOORS, DOOR STRAPS, OR EXISTING ARMOR. THEY MUST BE RETURNED TO SHIPPING/STORAGE CONTAINER.

### 3-2. PERIMETER ARMOR KIT REMOVAL (DOORS).

- A. REMOVE TWO FRONT DOOR STRAPS FROM A-PILLAR DOOR STRAP BRACKETS. DISCARD TWO SCREWS, FOUR WASHERS, AND TWO LOCKNUTS AS SHOWN IN FIGURE 1.
- B. REMOVE TWO DOOR STRAP BRACKETS FROM A-PILLAR. RETAIN FOUR SCREWS, TWO NUTPLATES AND DISCARD FOUR LOCKWASHERS AS SHOWN IN FIGURE 1. PLACE DOOR STRAP BRACKETS AND NUTPLATES IN STORAGE CONTAINER.
- C. REMOVE TWO DOOR STRAPS FROM B-PILLAR DOOR STRAP BRACKETS. DISCARD TWO SCREWS, FOUR WASHERS, AND TWO LOCKNUTS AS SHOWN IN FIGURE 2. PLACE DOOR STRAPS IN STORAGE CONTAINER.
- D. REMOVE TWO B-PILLAR DOOR STRAP BRACKETS, FOUR SHIMS, AND TWO DOOR LATCH STRIKERS FROM B-PILLAR. RETAIN FOUR WASHERS, SHIMS, AND TWO DOOR LATCH STRIKERS. REMOVE C-PILLAR DOOR STRIKERS (NOT SHOWN). DISCARD FOUR LOCKNUTS, SCREWS, WASHERS, AND LOCKWASHERS AS SHOWN IN FIGURE 2. PLACE DOOR STRAP BRACKETS, FOUR SHIMS, DOOR LATCH STRIKERS, AND C-PILLAR DOOR STRIKER IN STORAGE CONTAINER.
- E. REMOVE VENT COVER IED OVERLAY AND VENT COVER FROM VEHICLE. RETAIN VENT COVER IED OVERLAY, THREE SCREWS, WASHERS, AND SIX SPACERS. DISCARD THREE LOCKWASHERS AS SHOWN IN FIGURE 7. PLACE VENT COVER IN STORAGE CONTAINER.
- F. REMOVE LEFT FRONT DOOR, RIGHT FRONT DOOR, LEFT REAR DOOR, AND RIGHT REAR DOOR FROM VEHICLE. RETAIN TWO FRONT HINGE PLATES, REAR HINGE PLATES, AND THIRTY-SIX SCREWS AS SHOWN IN FIGURE 1. PLACE ALL RETAINED ITEMS IN STORAGE CONTAINER.

### 3-3. PERIMETER ARMOR KIT REMOVAL (IED OVERLAYS).

- A. REMOVE LEFT LOWER A-PILLAR IED OVERLAY FROM VEHICLE. RETAIN LOWER A-PILLAR IED OVERLAY, FOUR SCREWS, AND SEVEN WASHERS. DISCARD LOCKWASHER AND THREE LOCKNUTS AS SHOWN IN FIGURE 3.
- B. REMOVE LEFT UPPER A-PILLAR IED OVERLAY FROM VEHICLE. RETAIN LEFT UPPER A-PILLAR IED OVERLAY, FOUR SCREWS, AND WASHERS. DISCARD FOUR LOCKWASHERS AS SHOWN IN FIGURE 4.

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- C. REMOVE LEFT C-PILLAR IED OVERLAY FROM VEHICLE. RETAIN LEFT C-PILLAR IED OVERLAY, THREE SCREWS, AND WASHERS. DISCARD THREE LOCKWASHERS AS SHOWN IN FIGURE 4.
- D. REMOVE TOP LEFT B-PILLAR IED OVERLAY FROM VEHICLE. DISCARD TWO SCREWS, WASHERS, AND LOCKWASHERS AS SHOWN IN FIGURE 5. PLACE B-PILLAR IED OVERLAY IN STORAGE CONTAINER.

**WARNING**

ENSURE ASSIST IS HOLDING B-PILLAR ARMOR WHEN  
REMOVING B-PILLAR IED OVERLAY. FAILURE TO COMPLY MAY  
RESULT IN INJURY TO PERSONNEL.

- E. REMOVE TWO LEFT LOWER B-PILLAR IED OVERLAYS AND B-PILLAR ARMOR (NOT SHOWN) FROM VEHICLE. DISCARD SIX SCREWS, WASHERS, AND LOCKWASHERS AS SHOWN IN FIGURE 6. PLACE TWO LOWER B-PILLAR IED OVERLAYS AND B-PILLAR ARMOR IN STORAGE CONTAINER.
- F. REMOVE LEFT ROCKER IED OVERLAY FROM VEHICLE. RETAIN ROCKER IED OVERLAY, FOUR SCREWS, EIGHT WASHERS, SCREW, AND WASHER. DISCARD FOUR LOCKNUTS AND LOCKWASHER AS SHOWN IN FIGURE 6.
- G. REMOVE RIGHT LOWER A-PILLAR IED OVERLAY FROM VEHICLE. RETAIN RIGHT LOWER A-PILLAR IED OVERLAY, THREE SCREWS, AND FIVE WASHERS. DISCARD LOCKWASHER AND TWO LOCKNUTS AS SHOWN IN FIGURE 7.
- H. REMOVE RIGHT UPPER A-PILLAR IED OVERLAY FROM VEHICLE. RETAIN UPPER A-PILLAR IED OVERLAY, TWO SCREWS, AND WASHERS. DISCARD TWO LOCKWASHERS AS SHOWN IN FIGURE 7.
- I. REMOVE TOP RIGHT B-PILLAR IED OVERLAY FROM VEHICLE. DISCARD TWO SCREWS, WASHERS, AND LOCKWASHERS AS SHOWN IN FIGURE 5. PLACE B-PILLAR IED OVERLAY IN STORAGE CONTAINER.
- J. REMOVE TWO RIGHT LOWER B-PILLAR IED OVERLAYS AND B-PILLAR ARMOR (NOT SHOWN) FROM VEHICLE. DISCARD SIX SCREWS, WASHERS, AND LOCKWASHERS AS SHOWN IN FIGURE 6. PLACE TWO LOWER B-PILLAR IED OVERLAYS IN STORAGE CONTAINER.

**WARNING**

ENSURE ASSIST IS HOLDING C-PILLAR ARMOR WHEN  
C-PILLAR IED OVERLAY IS REMOVED. FAILURE TO COMPLY  
MAY RESULT IN INJURY TO PERSONNEL.

- K. REMOVE RIGHT C-PILLAR IED OVERLAY FROM VEHICLE. RETAIN C-PILLAR IED OVERLAY, TWO SCREWS, AND WASHERS. DISCARD TWO LOCKWASHERS AS SHOWN IN FIGURE 4.
- L. REMOVE RIGHT ROCKER IED OVERLAY FROM VEHICLE. RETAIN ROCKER IED OVERLAY, FOUR SCREWS, EIGHT WASHERS, SCREW, AND WASHER. DISCARD FOUR LOCKNUTS AND LOCKWASHER AS SHOWN IN FIGURE 6.

3-4. PERIMETER ARMOR KIT REMOVAL (LEFT SIDE).

**WARNING**

ENSURE ASSIST IS HOLDING A-PILLAR ARMOR WHEN  
A-PILLAR GAP PLATE IS REMOVED. FAILURE TO COMPLY MAY  
RESULT IN INJURY TO PERSONNEL.

- A. REMOVE LEFT A-PILLAR GAP ARMOR AND A-PILLAR ARMOR FROM VEHICLE. RETAIN A-PILLAR GAP ARMOR, TWO SCREWS, AND WASHERS. DISCARD TWO LOCKWASHERS AS SHOWN IN FIGURE 8. PLACE A-PILLAR ARMOR IN STORAGE CONTAINER.
- B. REMOVE BOTH UPPER C-PILLAR ARMOR FROM VEHICLE. RETAIN UPPER C-PILLAR ARMOR, TEN SCREWS AND WASHERS. DISCARD FIVE LOCKNUTS AS SHOWN IN FIGURE 9.

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- C. REMOVE LEFT C-PILLAR ARMOR FROM VEHICLE, RETAIN SCREW, WASHER, AND DISCARD LOCKWASHER AS SHOWN IN FIGURE 10. PLACE LEFT C-PILLAR ARMOR IN STORAGE CONTAINER.
- D. REMOVE LEFT CROSSHEADER ARMOR AND CROSSHEADER BRACKET FROM VEHICLE. RETAIN TEN WASHERS. DISCARD FOUR LOCKNUTS, SIX SCREWS, AND TWO LOCKWASHERS AS SHOWN IN FIGURE 11.
- E. REMOVE LEFT CROSSHEADER BRACKET FROM LEFT CROSSHEADER ARMOR. RETAIN CROSSHEADER BRACKET. DISCARD SIX SCREWS, WASHERS, AND LOCKWASHERS AS SHOWN IN FIGURE 11. PLACE LEFT CROSSHEADER ARMOR IN STORAGE CONTAINER.
- F. REMOVE LEFT A-PILLAR LOWER ARMOR FROM VEHICLE. RETAIN SIX SCREWS AND ELEVEN WASHERS. DISCARD FIVE LOCKNUTS AND TWO LOCKWASHERS AS SHOWN IN FIGURE 12. PLACE A-PILLAR LOWER ARMOR IN STORAGE CONTAINER.
- G. REMOVE LEFT FRONT UNDERBODY EXTENSION PLATE FROM UNDERBODY ARMOR AND UNDERBODY ANGLE. RETAIN UNDERBODY ANGLE AND DISCARD EIGHT SCREWS, WASHERS, AND LOCKWASHERS AS SHOWN IN FIGURE 12. PLACE UNDERBODY EXTENSION PLATE IN STORAGE CONTAINER.
- H. REMOVE SUPPORT FRAME FROM UNDERBODY ANGLE. RETAIN NINE SCREWS AND WASHERS. DISCARD NINE LOCKWASHERS AS SHOWN IN FIGURE 12. PLACE SUPPORT FRAME IN STORAGE CONTAINER.
- I. REMOVE LEFT ROCKER ARMOR FROM VEHICLE. RETAIN THREE SCREWS AND FIVE WASHERS. DISCARD THREE LOCKNUTS AND LOCKWASHER AS SHOWN IN FIGURE 13. PLACE LEFT ROCKER ARMOR IN STORAGE CONTAINER.
- J. REMOVE B-PILLAR UPPER SUPPORT ASSEMBLY. (REFER TO TM 9-2320-387-24.)

**3-5. PERIMETER ARMOR KIT REMOVAL (RIGHT SIDE).**

- A. REMOVE RIGHT A-PILLAR GAP ARMOR AIR STACK BRACKET (NOT SHOWN) AND A-PILLAR ARMOR FROM VEHICLE. RETAIN A-PILLAR GAP ARMOR, TWO SCREWS, AND WASHERS. DISCARD TWO LOCKWASHERS AS SHOWN IN FIGURE 8. PLACE A-PILLAR ARMOR IN STORAGE CONTAINER.
- B. REMOVE RIGHT C-PILLAR ARMOR FROM VEHICLE. RETAIN SCREW, WASHER, AND DISCARD LOCKWASHER AS SHOWN IN FIGURE 10. PLACE C-PILLAR ARMOR IN STORAGE CONTAINER.
- C. REMOVE RIGHT CROSSHEADER ARMOR AND CROSSHEADER BRACKET FROM VEHICLE. RETAIN SIX SCREWS AND TEN WASHERS. DISCARD FOUR LOCKNUTS AND TWO LOCKWASHERS AS SHOWN IN FIGURE 11.
- D. REMOVE RIGHT CROSSHEADER BRACKET FROM RIGHT CROSSHEADER ARMOR. RETAIN CROSSHEADER BRACKET. DISCARD SIX SCREWS, WASHERS, AND LOCKWASHERS AS SHOWN IN FIGURE 12. PLACE CROSSHEADER ARMOR IN STORAGE CONTAINER.
- E. REMOVE RIGHT A-PILLAR LOWER ARMOR FROM VEHICLE. RETAIN EIGHT SCREWS AND FOURTEEN WASHERS. DISCARD SIX LOCKNUTS AND TWO LOCKWASHERS AS SHOWN IN FIGURE 14. PLACE RIGHT A-PILLAR LOWER ARMOR IN STORAGE CONTAINER.
- F. REMOVE RIGHT ROCKER ARMOR FROM VEHICLE. RETAIN THREE SCREWS AND FIVE WASHERS. DISCARD TWO LOCKNUTS AND LOCKWASHER AS SHOWN IN FIGURE 15. PLACE RIGHT ROCKER ARMOR IN STORAGE CONTAINER.
- G. REMOVE TWO B-PILLAR UPPER SUPPORT ASSEMBLY. (REFER TO TM 9-2320-387-24.)

**3-6. PERIMETER ARMOR KIT INSTALLATION (LEFT SIDE).**

- A. INSTALL 6032277 B-PILLAR UPPER SUPPORT ASSEMBLY USING TWELVE B1821BH031C450N SCREWS, MS51943-33 LOCKNUTS, 6030874 DOOR STRAP BRACKET, AND TWENTY-FOUR 10910174-19 WASHERS. (REFER TO TM 9-2320-387-24.)

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**NOTE**

INSTALL 6030836 FOUR-MAN KOCH SEATBELT RETROFIT KIT  
PRIOR TO INSTALLING ARMOR.

- B. REMOVE BOTTOM BOLT FROM WINDSHIELD FRAME REINFORCEMENT, DISCARD SCREW, WASHERS, AND NUT FROM WINDSHIELD FRAME AS SHOWN IN FIGURE 16.
- C. SECURE 6032075 DOOR STRAP BRACKET TO A-PILLAR WITH THREE B1821BH031C125N SCREWS, MS35338-44 LOCKWASHERS, AND 6032110 LEFT A-PILLAR PLATE IN EXISTING HOLES AS SHOWN IN FIGURE 16. DO NOT TIGHTEN SCREWS.
- D. USING FIGURE 17 AS TEMPLATE, ALIGN LINE A WITH BOTTOM OF UPPER LEFT COWL AND LINE B WITH TOP OF UPPER LEFT COWL. LOCATE, MARK, AND DRILL THREE 0.375-INCH DIAMETER HOLES IN UPPER LEFT COWL AS SHOWN IN FIGURE 18.
- E. SECURE 6030845 INNER COWL PLATE ASSEMBLY TO LEFT SIDE UPPER COWL WITH THREE B1821BH025C138N SCREWS, 10910174-20 WASHERS, AND MS35338-44 LOCKWASHERS AS SHOWN IN FIGURE 18. TIGHTEN SCREW TO 10 LB-FT.
- F. SECURE 6030827 LEFT FRONT SIDE ARMOR PLATE TO LEFT SIDE COWL WITH EXISTING FIVE SCREWS, NINE WASHERS, MS35338-46 LOCKWASHER, AND FOUR MS51943-35 LOCKNUTS AS SHOWN IN FIGURE 19 TIGHTEN LOCKNUT TO 37 LB-FT.

**NOTE**

DO NOT INSTALL ANY HARDWARE IN HOLES MARKED A  
UNTIL INSTRUCTED TO DO SO.

- G. SECURE 6030301 LEFT FRONT SUPPORT ASSEMBLY AND UNDERBODY ANGLE TO UNDERBODY ARMOR WITH NINE EXISTING SCREWS, WASHERS, AND MS35338-44 LOCKWASHERS AS SHOWN IN FIGURE 19. DO NOT TIGHTEN SCREWS. TIGHTEN SCREW TO 26 LB-FT.
- H. SECURE 6030911 LEFT SIDE ARMOR PLATE TO LEFT ROCKER PANEL WITH FOUR EXISTING SCREWS, SEVEN WASHERS, THREE MS51943-35 LOCKNUTS, AND MS35338-46 LOCKWASHER AS SHOWN IN FIGURE 20. TIGHTEN LOCKNUTS TO 26 LB-FT.
- I. TEMPORARILY SECURE 6030365 LEFT UPPER A-PILLAR ARMOR, 6032522 LEFT ARMOR A-PILLAR PLATE, AND LEFT A-PILLAR GAP PLATE (NOT SHOWN) TO A-PILLAR BRACKET USING TWO MS90728-45 LOCKWASHERS, 9418924 WASHERS, B1821BH031C300N SCREW (TOP HOLE), AND B1821BH031C325N SCREW (BOTTOM HOLE) IN HOLES MARKED A AS SHOWN IN FIGURE 21.
- J. REMOVE TWO SCREWS, WASHERS, AND LOCKNUTS MARKED B FROM ROOF ABOVE B-PILLAR. ENLARGE TWO HOLES IN ROOF TO 0.390 INCH AS SHOWN IN FIGURE 22.
- K. INSTALL 6030656 LEFT CROSSHEADER ARMOR ON LEFT CROSSHEADER BRACKET WITH SIX B1821BH038C175N SCREWS, EXISTING WASHERS, AND MS35338-46 LOCKWASHERS AS SHOWN IN FIGURE 23. TIGHTEN SCREWS TO 37 LB-FT.
- L. SECURE LEFT CROSSHEADER ARMOR AND BRACKET TO VEHICLE WITH FOUR EXISTING SCREWS, TWO B1821BH031C175N SCREWS, TEN WASHERS, FOUR MS51943-35 LOCKNUTS, 6025205 SEAL, AND TWO MS35338-46 LOCKWASHERS AS SHOWN IN FIGURE 24. DO NOT TIGHTEN LOCKNUTS. TIGHTEN SCREWS TO 37 LB-FT.
- M. SECURE 6032517 B-PILLAR REINFORCEMENT PLATE TO VEHICLE WITH 6032288 NUTPLATE, TWO B1821BH038C200N SCREWS, 1091074-19 WASHERS, AND MS35338-46 LOCKWASHERS AS SHOWN IN FIGURE 23. DO NOT TIGHTEN SCREWS.
- N. SECURE 6030337 LEFT B-PILLAR ARMOR, 6032517 B-PILLAR ARMOR, AND B-PILLAR REINFORCEMENT PLATE TO B-PILLAR BRACKET WITH B1821BH038C375N SCREW (TOP HOLE), B1821BH038C350N SCREW (BOTTOM HOLE), TWO MS35338-46 LOCKWASHERS, 10910174-19 WASHER, AND EXISTING WASHERS AS SHOWN IN FIGURE 23. ENSURE B-PILLAR ARMOR HOLE SAME TO REAR OF TRUCK. DO NOT TIGHTEN.
- O. TEMPORARILY SECURE 6030338 LEFT C-PILLAR ARMOR TO C-PILLAR BRACKET USING TWO EXISTING SCREWS IN HOLES MARKED A AND SCREW, MS35338-46 LOCKWASHER, AND WASHER AS SHOWN IN FIGURE 24.

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- P. SECURE UPPER C-PILLAR ARMOR TO VEHICLE WITH FIVE EXISTING SCREWS, TEN WASHERS, AND FIVE MS51943-31 LOCKNUTS AS SHOWN IN FIGURE 25. TIGHTEN LOCKNUTS TO 10 LB-FT.

3-7. PERIMETER ARMOR KIT INSTALLATION (RIGHT SIDE).

**NOTE**

DO NOT INSTALL ANY HARDWARE IN HOLES MARKED A UNTIL INSTRUCTED TO DO SO.

- A. INSTALL 6032277 B-PILLAR UPPER SUPPORT ASSEMBLY USING TWELVE B1821BH031C450N SCREWS, MS51943-33 LOCKNUTS, AND TWENTY-FOUR 10910174-19 WASHERS. (REFER TO TM 9-2320-387-24.)

**NOTE**

INSTALL 6030836 FOUR-MAN KOCH SEATBELT RETROFIT KIT PRIOR TO INSTALLING ARMOR.

- B. REMOVE BOTTOM BOLT FROM WINDSHIELD FRAME REINFORCEMENT, DISCARD SCREW, WASHERS, AND NUT FROM WINDSHIELD FRAME AS SHOWN IN FIGURE 16.
- C. SECURE 6032075 DOOR STRAP BRACKET TO A-PILLAR WITH THREE B1821BH031C125N SCREWS, MS35338-44 LOCKWASHERS, AND 6032110 LEFT A-PILLAR PLATE IN EXISTING HOLES AS SHOWN IN FIGURE 16. DO NOT TIGHTEN SCREWS.
- D. SECURE 6030825 RIGHT LOWER A-PILLAR ARMOR TO RIGHT OUTSIDE COWL WITH FOUR EXISTING SCREWS, NINE WASHERS, FOUR MS51943-35 LOCKNUTS, AND MS35338-46 LOCKWASHER AS SHOWN IN FIGURE 26. TIGHTEN SCREWS TO 37 LB-FT.
- E. SECURE 6030912 RIGHT ROCKER ARMOR TO RIGHT ROCKER PANEL WITH FIVE EXISTING SCREWS, NINE WASHERS, FOUR MS51943-35 LOCKNUTS, AND MS35338-46 LOCKWASHER AS SHOWN IN FIGURE 27. TIGHTEN SCREWS TO 37 LB-FT.
- F. TEMPORARY SECURE 6030366 RIGHT UPPER A-PILLAR ARMOR, 6032523 RIGHT ARMOR A-PILLAR PLATE, AND A-PILLAR GAP PLATE (NOT SHOWN) TO A-PILLAR BRACKET WITH TWO MS90728-45 LOCKWASHERS, 9418924 WASHERS, B1821BH031C300N SCREW (TOP HOLE), AND B1821BH031C325N SCREW (BOTTOM HOLE) IN HOLES MARKED A AS SHOWN IN FIGURE 21.
- G. REMOVE TWO SCREWS, WASHERS AND LOCKNUTS MARKED B FROM ROOF ABOVE B-PILLAR. ENLARGE TWO HOLES IN ROOF TO 0.390 INCH AS SHOWN IN FIGURE 22.
- H. SECURE 6032517 B-PILLAR REINFORCEMENT PLATE TO VEHICLE WITH 6032288 NUTPLATE, TWO B1821BH038C200N SCREWS, 1091074-19 WASHERS, AND MS35338-46 LOCKWASHERS AS SHOWN IN FIGURE 25. DO NOT TIGHTEN SCREWS.
- I. INSTALL 6030657 RIGHT CROSSHEADER ARMOR ON RIGHT CROSSHEADER BRACKET WITH SIX B1821BH038C175N SCREWS, WASHERS, AND MS35338-46 LOCKWASHERS AS SHOWN IN FIGURE 23. TIGHTEN SCREWS TO 37 LB-FT.
- J. SECURE RIGHT CROSSHEADER ARMOR AND BRACKET TO VEHICLE WITH FOUR EXISTING SCREWS, TWO B1821BH031C175N SCREWS, TEN EXISTING WASHERS, FOUR MS51943-35 LOCKNUTS, 6025205 SEAL, AND TWO MS35338-46 LOCKWASHERS AS SHOWN IN FIGURE 23. TIGHTEN SCREWS TO 37 LB-FT.
- K. SECURE 6030337 B-PILLAR ARMOR, 6030637 B-PILLAR ARMOR, AND B-PILLAR REINFORCEMENT PLATE TO B-PILLAR BRACKET WITH B1821BH038C275N SCREW (TOP HOLE), B1821BH038C250N SCREW (BOTTOM HOLE), TWO MS35338-46 LOCKWASHERS, 1091071-19 WASHER, AND EXISTING WASHERS AS SHOWN IN FIGURE 22. TIGHTEN SCREWS TO 37 LB-FT.
- L. TEMPORARILY SECURE 6030343 RIGHT C-PILLAR ARMOR TO C-PILLAR BRACKET WITH TWO EXISTING SCREWS IN HOLES MARKED A AND SCREW, MS35338-46 LOCKWASHER, AND WASHER AS SHOWN IN FIGURE 24.
- M. SECURE UPPER C-PILLAR ARMOR TO VEHICLE WITH FIVE EXISTING SCREWS, TEN WASHERS, AND FIVE MS51943-31 LOCKNUTS AS SHOWN IN FIGURE 25. TIGHTEN LOCKNUTS TO 10 LB-FT.

INSTALLATION INSTRUCTIONS,  
FOUR-MAN ENHANCED  
PERIMETER ARMOR FRAG 1, 2,  
AND 5 MODIFICATION KIT

SIZE

**A**

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**3-8. IED OVERLAY INSTALLATION.**

- A. SECURE LEFT LOWER A-PILLAR IED OVERLAY TO VEHICLE WITH FOUR EXISTING SCREWS, SEVEN WASHERS, MS35338-46 LOCKWASHER, AND THREE MS51943-35 LOCKNUTS AS SHOWN IN FIGURE 28. TIGHTEN SCREWS TO 37 LB-FT.
- B. SECURE LEFT UPPER A-PILLAR IED OVERLAY TO VEHICLE WITH EXISTING SCREW, WASHER, AND MS35338-46 LOCKWASHER, B1821BH038C175N SCREW, TWO 2436163 WASHERS AND MS51943-35 LOCKNUT AS SHOWN IN FIGURE 29. TIGHTEN SCREWS TO 37 LB-FT.
- C. SECURE LEFT C-PILLAR IED OVERLAY TO VEHICLE WITH THREE EXISTING SCREWS, WASHERS, AND MS35338-46 LOCKWASHERS AS SHOWN IN FIGURE 29. TIGHTEN SCREWS TO 37 LB-FT.
- D. SECURE RIGHT LOWER A-PILLAR IED OVERLAY TO VEHICLE WITH THREE EXISTING SCREWS, MS35338-46 LOCKWASHER, FIVE WASHERS, AND TWO MS51943-35 LOCKNUTS AS SHOWN IN FIGURE 30. TIGHTEN SCREWS TO 37 LB-FT.
- E. SECURE RIGHT UPPER A-PILLAR IED OVERLAY TO VEHICLE WITH THREE EXISTING SCREWS, B1821BH038C175N SCREW, THREE WASHERS, TWO MS35338-45 LOCKWASHERS, 2436163 WASHERS, MS35338-46 LOCKWASHER, AND MS51943-35 LOCKNUT AS SHOWN IN FIGURE 30. TIGHTEN SCREWS TO 37 LB-FT.
- F. SECURE RIGHT C-PILLAR IED OVERLAY TO VEHICLE WITH TWO EXISTING SCREWS, WASHERS, AND MS35338-46 LOCKWASHERS AS SHOWN IN FIGURE 31. TIGHTEN SCREWS TO 37 LB-FT.

**3-9. ENHANCED FRONT WHEELWELL ARMOR INSTALLATION.**

- A. MEASURE 1.62 INCHES FROM INBOARD EDGE OF LEFT UNDERBODY ARMOR. MEASURE 0.625-INCH FROM FRONT EDGE OF LEFT UNDERBODY ARMOR. DRILL ONE 0.375-INCH DIAMETER HOLE. MEASURE 1.50-INCHES FROM CENTER OF FIRST HOLE AND 0.625 INCH FROM EDGE. DRILL ONE 0.375-INCH DIAMETER HOLE. KEEPING IN LINE FROM SECOND HOLE MEASURE 1.25 INCHES BACK AND DRILL ONE 0.750-INCH DIAMETER HOLE AS SHOWN IN FIGURE 32.
- B. SECURE 6033438 PLATE ASSEMBLY TO VEHICLE WITH TWO B1821BH031C125N SCREWS, 2436162 WASHERS, MS35338-45 LOCKWASHERS, AND 6030053 TAPPING PLATE AS SHOWN IN FIGURE 33.
- C. SECURE 6030293 LEFT FRONT UNDERBODY EXTENSION AND 6030132 LEFT FRONT WHEELWELL ARMOR ASSEMBLY TO PLATE ASSEMBLY USING B1821BH038C325N SCREW, TWO EXISTING WASHERS, MS51943-35 LOCKNUTS, FOUR B1821BH038C200N SCREWS, FIVE MS35338-46 LOCKWASHERS, EXISTING WASHERS, FOUR B1821BH025C138N SCREWS, MS35338-44 LOCKWASHERS, EXISTING WASHERS, 2436162 WASHERS, B1821BH038C125N SCREW, AND 12341856 WASHER AS SHOWN IN FIGURE 33.
- D. REMOVE RIGHT FRONT WHEELWELL ARMOR ASSEMBLY TOP SCREWS, LOCKNUTS, AND WASHERS (NOT SHOWN). DISCARD SCREWS AND LOCKNUTS.
- E. MEASURE 3.46 INCHES FROM INBOARD EDGE OF RIGHT UNDERBODY ARMOR. MEASURE 0.625 INCH FROM FRONT EDGE OF RIGHT UNDERBODY ARMOR. DRILL ONE 0.375-INCH DIAMETER HOLE. MEASURE 1.50 INCHES FROM CENTER OF FIRST HOLE AND 0.625 INCH FROM FIRST EDGE. DRILL ONE 0.375-INCH DIAMETER HOLE. KEEPING IN LINE FROM SECOND HOLE. MEASURE 1.25 INCHES BACK AND DRILL ONE 0.750-INCH DIAMETER HOLE AS SHOWN IN FIGURE 34.
- F. SECURE 6033438 PLATE ASSEMBLY TO VEHICLE WITH TWO B1821BH031C125N SCREWS, 2436162 WASHERS, MS35338-45 LOCKWASHERS AND 6030053 TAPPING PLATE AS SHOWN IN FIGURE 35.
- G. SECURE RIGHT FRONT WHEELWELL ARMOR ASSEMBLY TO PLATE ASSEMBLY, WITH B1821BH038C325N SCREW, TWO EXISTING WASHERS, MS51943-35 LOCKNUTS, B1821BH038C400N SCREWS, 2436163 WASHERS, EXISTING WASHERS, THREE MS51943-35 LOCKNUTS, B1821BH038C325N SCREW, 2436163 WASHER, B1821BH038C125N SCREW, 12341856 WASHER, MS35338-46 LOCKWASHER, AND EXISTING WASHER AS SHOWN IN FIGURE 35.

**INSTALLATION INSTRUCTIONS,  
FOUR-MAN ENHANCED  
PERIMETER ARMOR FRAG 1, 2,  
AND 5 MODIFICATION KIT**

SIZE

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### 3-10. PERIMETER ARMOR KIT INSTALLATION (DOORS).

#### NOTE

- USE 5716844 THREADLOCK ON ALL B1821BH038C650N, B1821BH038C550N, B1821BH038C500N, AND B1821BH038C375 HINGE SCREWS FOR ALL DOORS.
- USE TWO 5716845 EYEBOLTS AS LIFTING AID TO POSITION DOOR FOR INSTALLATION.

- INSTALL 6030573 LEFT FRONT DOOR AND 6030574 RIGHT FRONT DOOR TO VEHICLE WITH TWO 6032279 DOOR HINGE 1/4 SPACERS, SIX 6032293 SCREWS (THREE TOP HINGE HOLES), TWELVE B1821BH038C650N SCREWS, TWENTY-FOUR 2436163 WASHERS, AND SIX MS51943-35 LOCKNUTS AS SHOWN IN FIGURES 16 AND 36. TIGHTEN SCREWS TO 37 LB-FT.
- INSTALL 603576 RIGHT REAR DOOR 6030575 LEFT REAR DOOR TO VEHICLE WITH SIX B1821BH038C550 SCREWS (TOP THREE HOLES), FOUR B1821BH038C500N SCREWS (NEXT TWO HOLES), TWO B1821BH038C550N SCREWS (NEXT HOLE), AND SIX B1821BH038C375N SCREWS (BOTTOM THREE HOLES) AS SHOWN IN FIGURE 36. TIGHTEN SCREWS TO 37 LB-FT.
- SECURE VENT COVER IED OVERLAY AND 6030380 VENT COVER TO VEHICLE WITH THREE EXISTING SCREWS, MS35338-46 LOCKWASHERS, WASHERS AND SIX SPACERS AS SHOWN IN FIGURE 30. TIGHTEN SCREWS TO 37 LB-FT.
- TIGHTEN LEFT AND RIGHT REAR DOOR HINGE BOLTS TO 30 LB-FT.
- INSTALL VEHICLE CONTROL BOX. (REFER TO TM 9-2320-387-24.)
- INSTALL WINDSHIELD WASHER RESERVOIR. (REFER TO TM 9-2320-387-24.)
- CONNECT NEGATIVE BATTERY CABLES. (REFER TO TM 9-2320-387-24.)

### 3-11. DOOR ADJUSTMENT.

- ATTACH FOUR 6033488 DOOR SEALS TO DOORS AS SHOWN IN FIGURE 36
- USING 6030908 DOVETAIL SHIM (0.030 INCH), 6030909 (DOVETAIL SHIM (0.048 INCH), 603910 DOVETAIL SHIM 0.060 INCH), AND 6032261 DOVETAIL SHIM (0.090 INCH), ADJUST TOP DOOR LATCH TO 0.015-INCH CLEARANCE BETWEEN TOP OF DOOR LATCH AND BOTTOM OF HEADER AS SHOWN IN FIGURE 37.
- USING 6030908 DOVETAIL SHIM (0.030 INCH), 6030909 (DOVETAIL SHIM (0.048 INCH), 603910 DOVETAIL SHIM 0.060 INCH), AND 6032260 COMBAT LOCK SHIM (0.090 INCH) AND ADJUST BOTTOM COMBAT LOCK TO 0.015-INCH CLEARANCE BETWEEN BOTTOM COMBAT LOCK AND TOP OF ROCKER ARMOR. AS SHOWN IN FIGURE 37.
- USING 6032258 COMBAT LOCK SHIM (0.060 INCH), 6030753 COMBAT LOCK (0.030 INCH), 6030754 COMBAT LOCK SHIM (0.040 INCH), AND 6032260 COMBAT LOCK SHIM (0.090 INCH) ADJUST TOP DOOR LATCH SO DOOR CLOSES WITH DESIRED FORCE AS SHOWN IN FIGURE 37.
- USING 6032258 COMBAT LOCK SHIM (0.060 INCH), 6030753 COMBAT LOCK (0.030 INCH), 6030754 COMBAT LOCK SHIM (0.040 INCH), 6032260 COMBAT LOCK SHIM (0.090 INCH) ADJUST BOTTOM COMBAT LOCK SO LATCH ENGAGES FREELY BUT NOT TO EXCEED 0.030-INCH CLEARANCE AS SHOWN IN FIGURE 37.
- REMOVE AND RETAIN LEFT LOWER FRONT RAMP BLOCK, LOWER FRONT RAMP BLOCK SPACER, AND TWO SCREWS FROM LOWER B-PILLAR AS SHOWN IN FIGURE 38. PLACE ALL RETAINED ITEMS IN STORAGE CONTAINER.
- REMOVE AND RETAIN RIGHT LOWER FRONT RAMP BLOCK, LOWER FRONT RAMP BLOCK SPACER, AND TWO SCREWS FROM LOWER B-PILLAR AS SHOWN IN FIGURE 38.

INSTALLATION INSTRUCTIONS,  
FOUR-MAN ENHANCED  
PERIMETER ARMOR FRAG 1, 2,  
AND 5 MODIFICATION KIT

SIZE

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- H. USING 6015598 SLING WEIGHT DATA PLATE AS TEMPLATE, LOCATE, MARK, AND DRILL TWO 0.125-INCH DIAMETER HOLES IN RIGHT B-PILLAR SAIL PANEL AS SHOWN IN FIGURE 39.
- I. SECURE SLING WEIGHT DATA PLATE TO RIGHT B-PILLAR SAIL PANEL USING TWO M24243/1A403 BLIND RIVETS AS SHOWN IN FIGURE 39.
- J. SECURE SERIAL NUMBER DATA PLATES IN LEFT B-PILLAR SAIL PANEL USING SIX MS51861-45 TAPPING SCREWS AS SHOWN IN FIGURE 39.
- K. INSTALL TWO 6032122 DOOR STRAPS TO FRONT DOOR STRAP BRACKETS USING TWO B1821BH031C300N SCREWS, FOUR 2436162 WASHERS, AND TWO MS51943-33 LOCKNUTS AS SHOWN IN FIGURE 16. TIGHTEN LOCKNUTS TO 26 LB-FT.
- L. SECURE LEFT ROCKER IED OVERLAY TO VEHICLE WITH FIVE EXISTING SCREWS, NINE WASHERS, FOUR MS51943-35 LOCKNUTS, AND MS35338-46 LOCKWASHER AS SHOWN IN FIGURE 41. TIGHTEN SCREWS TO 37 LB-FT.
- M. SECURE RIGHT ROCKER IED OVERLAY TO VEHICLE WITH FIVE EXISTING SCREWS, NINE WASHERS, FOUR MS51943-35 LOCKNUTS, AND MS35338-46 LOCKWASHER AS SHOWN IN FIGURE 42. TIGHTEN SCREWS TO 37 LB-FT.
- N. SECURE TWO 6032122 DOOR STRAPS TO REAR DOOR STRAP BRACKETS WITH TWO B1821BH031C300N SCREWS, FOUR 2436162 WASHERS AND TWO MS51943-33 LOCKNUTS AS SHOWN IN FIGURE 40. TIGHTEN SCREWS TO 26 LB-FT.
- O. SECURE DOOR STRAPS TO DOORS WITH FOUR B1821BH031C300N SCREWS, EIGHT 2436162 WASHERS, AND FOUR MS51943-33 LOCKNUTS (NOT SHOWN). TIGHTEN SCREWS TO 26 LB-FT.

### 3-12. MIRROR INSTALLATION.

- A. REMOVE BOTTOM ANGLE BRACKET ON LEFT MIRROR. (REFER TO TM 9-2320-387-24.)
- B. SECURE 6030907 MIRROR BRACKET WITH EXISTING NUTS AND WASHERS TO STUDDED LOCK AS SHOWN IN FIGURE 43.
- C. SECURE MIRROR ASSEMBLY TO LEFT SIDE FRONT DOOR WITH TWO B1821BH031C125N SCREWS, MS51943-33 LOCKNUTS, AND FOUR 2436162 WASHERS AS SHOWN IN FIGURE 43.
- D. REMOVE TOP AND BOTTOM RIGHT SIDE MIRROR ANGLE BRACKETS. (REFER TO TM 9-2320-387-24.)
- E. REVERSE ANGLE BRACKETS (TOP TO BOTTOM, BOTTOM TO TOP) AND SECURE WITH EXISTING HARDWARE. (REFER TO TM 9-2320-387-24.)
- F. SECURE RIGHT SIDE MIRROR TO RIGHT FRONT DOOR WITH TWO B1821BH031C125N SCREWS, MS51943-33 LOCKNUTS, AND FOUR 2436162 WASHERS AS SHOWN IN FIGURE 43.

### 3-13. FINAL PREPARATION.

- A. INSTALL FIRE EXTINGUISHER IN BRACKET. (REFER TO TM 9-2320-387-10.)
- B. INSTALL COMPANION SEAT ASSEMBLY. (REFER TO TM 9-2320-387-24.)

**INSTALLATION INSTRUCTIONS,  
FOUR-MAN ENHANCED  
PERIMETER ARMOR FRAG 1, 2,  
AND 5 MODIFICATION KIT**

SIZE

**A**

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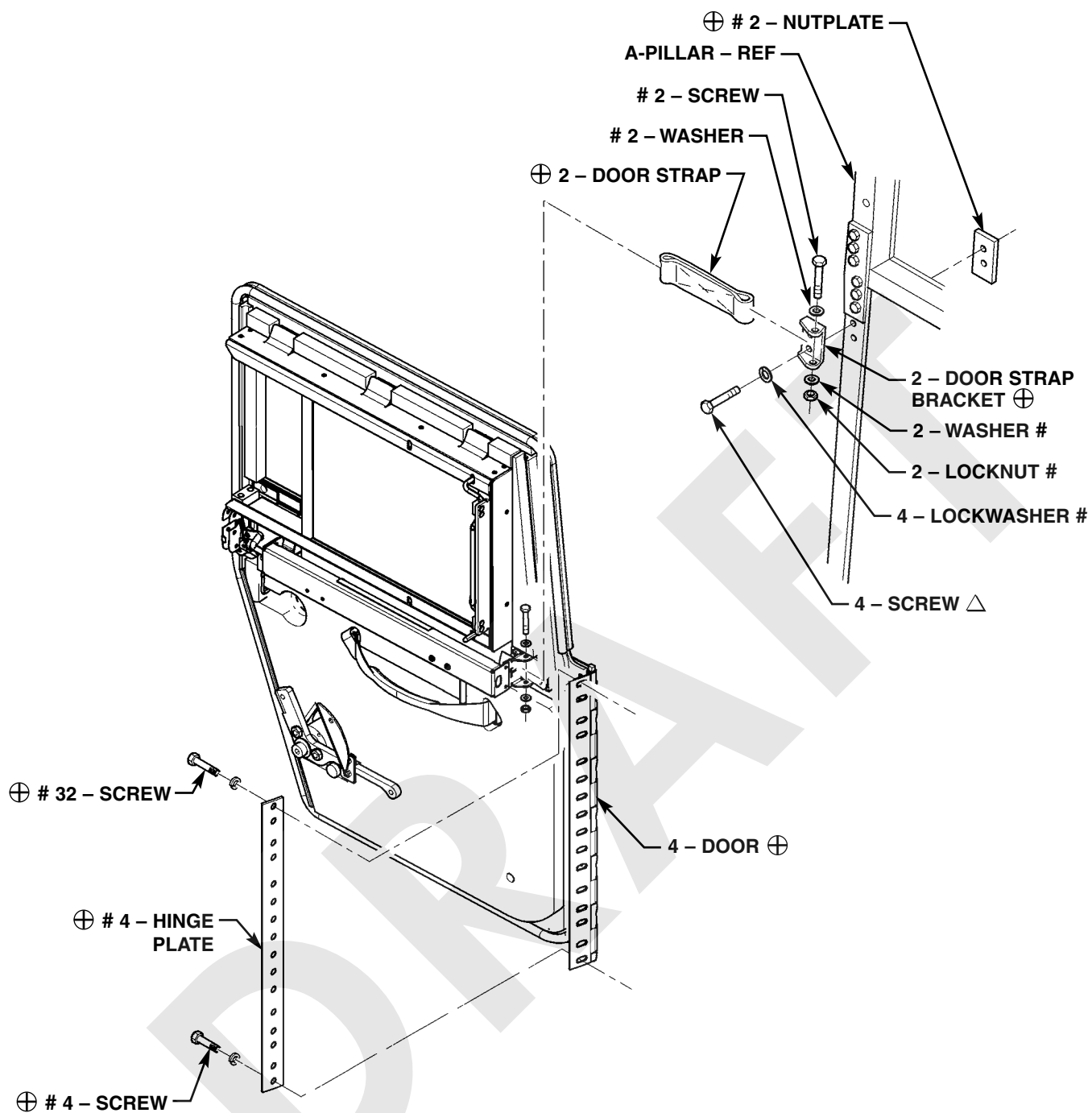
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**FIGURE 1**

INSTALLATION INSTRUCTIONS,  
FOUR-MAN ENHANCED  
PERIMETER ARMOR FRAG 1, 2,  
AND 5 MODIFICATION KIT

SIZE

**A**

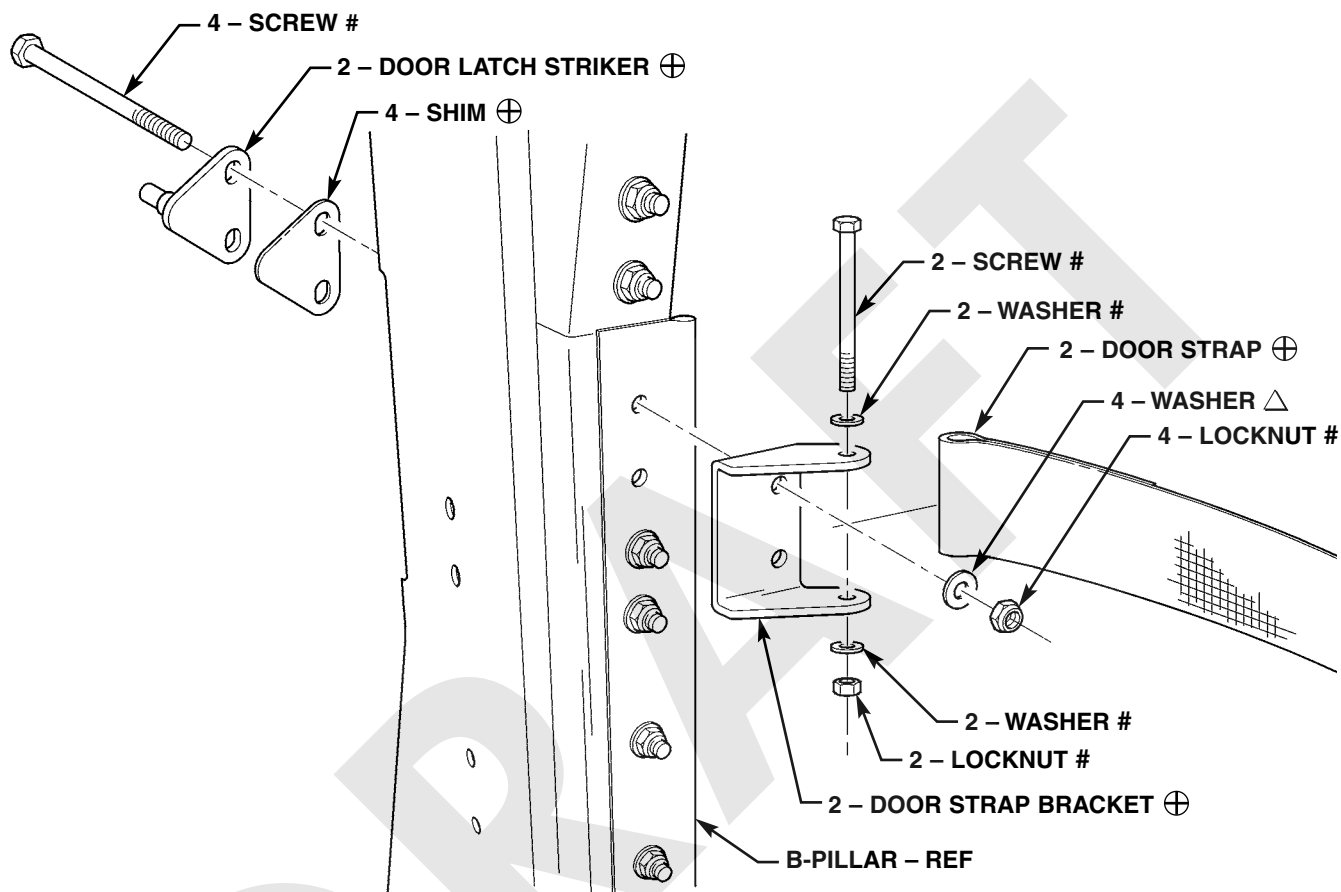
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LEFT SIDE SHOWN, RIGHT SIDE OPPOSITE

**FIGURE 2**

INSTALLATION INSTRUCTIONS,  
FOUR-MAN ENHANCED  
PERIMETER ARMOR FRAG 1, 2,  
AND 5 MODIFICATION KIT

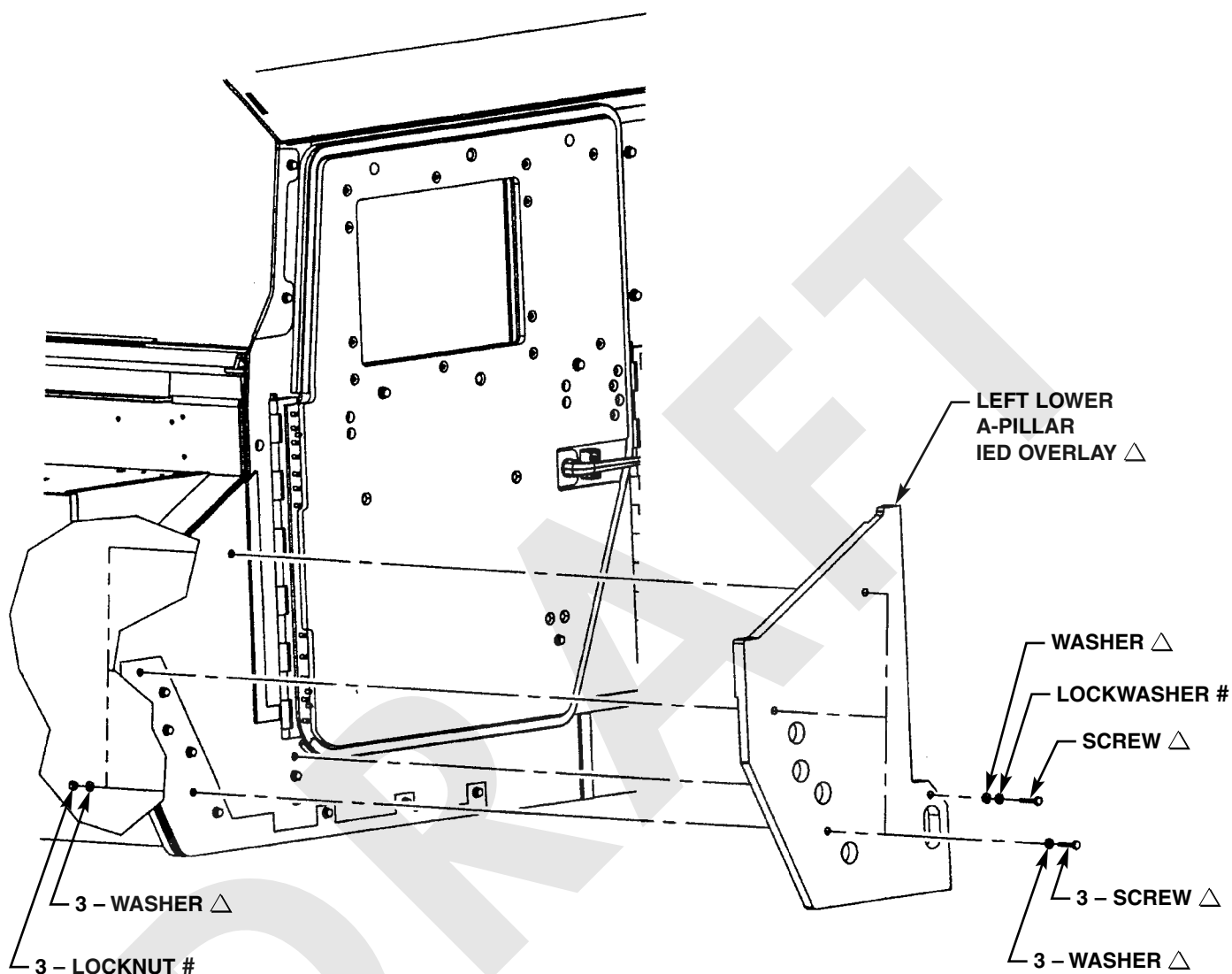
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DOOR SHOWN FOR CLARITY

**FIGURE 3**

INSTALLATION INSTRUCTIONS,  
FOUR-MAN ENHANCED  
PERIMETER ARMOR FRAG 1, 2,  
AND 5 MODIFICATION KIT

SIZE

**A**

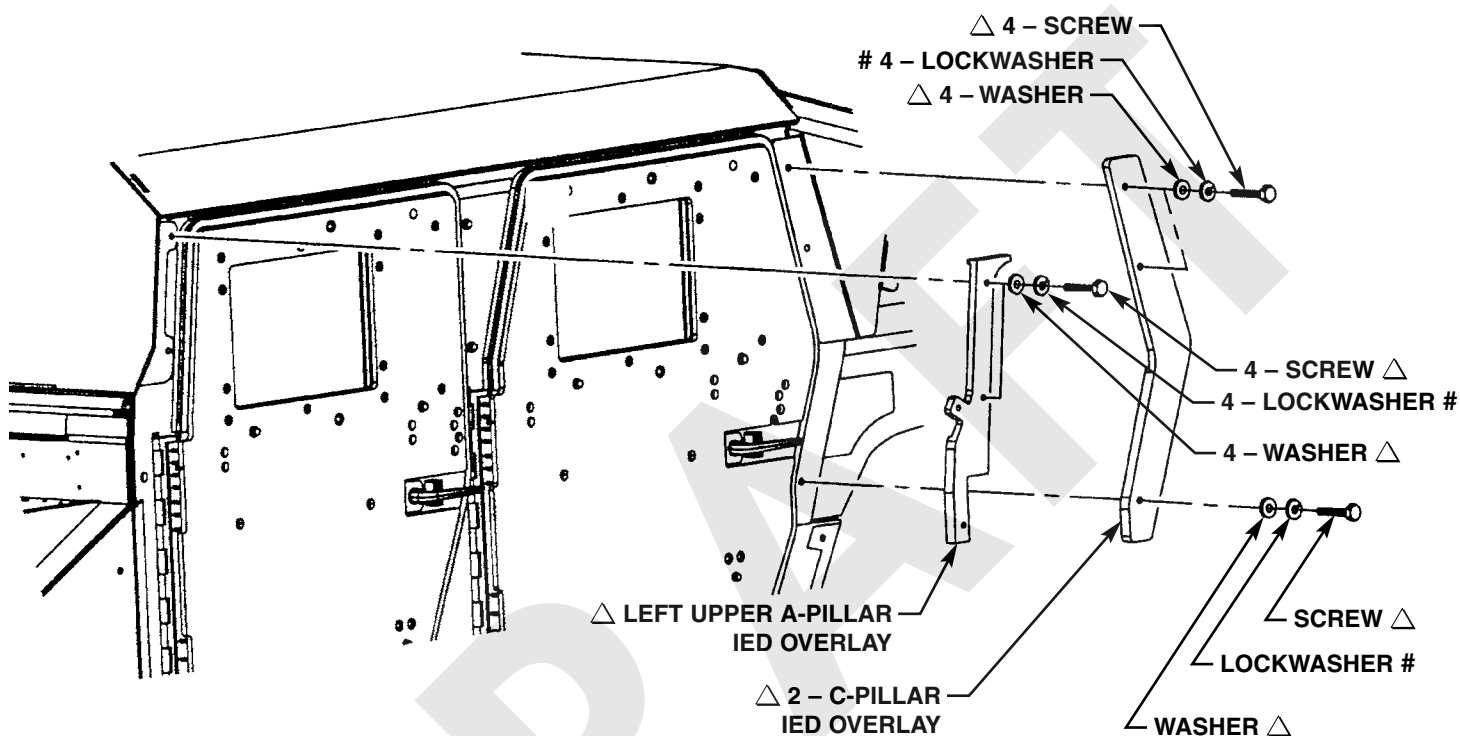
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DOORS SHOWN FOR CLARITY  
LEFT SIDE C-PILLAR SHOWN, RIGHT SIDE SIMILAR

**FIGURE 4**

INSTALLATION INSTRUCTIONS,  
FOUR-MAN ENHANCED  
PERIMETER ARMOR FRAG 1, 2,  
AND 5 MODIFICATION KIT

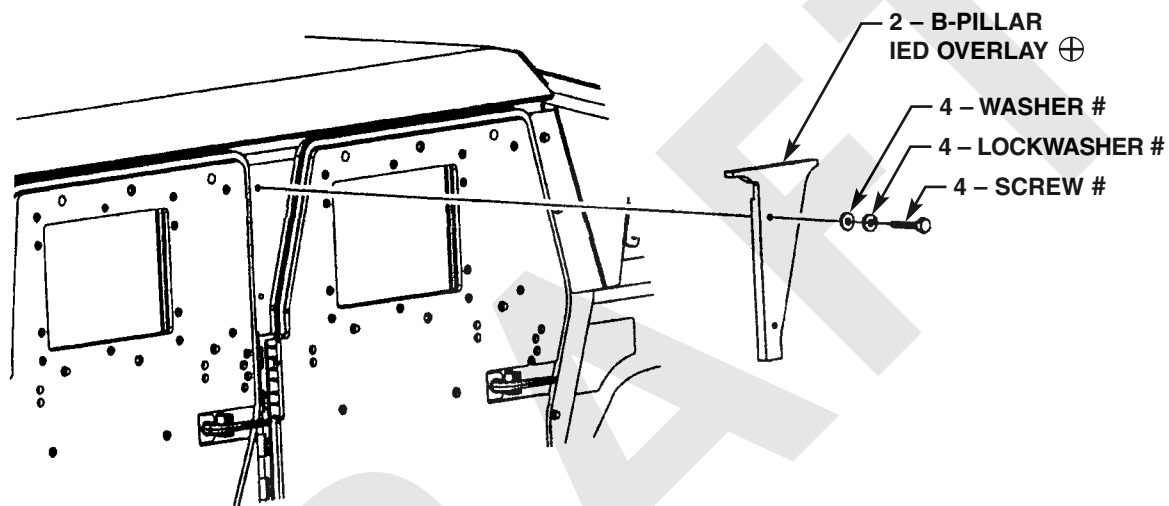
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LEFT SIDE SHOWN, RIGHT SIDE OPPOSITE  
DOORS SHOWN FOR CLARITY

**FIGURE 5**

INSTALLATION INSTRUCTIONS,  
FOUR-MAN ENHANCED  
PERIMETER ARMOR FRAG 1, 2,  
AND 5 MODIFICATION KIT

SIZE  
**A**

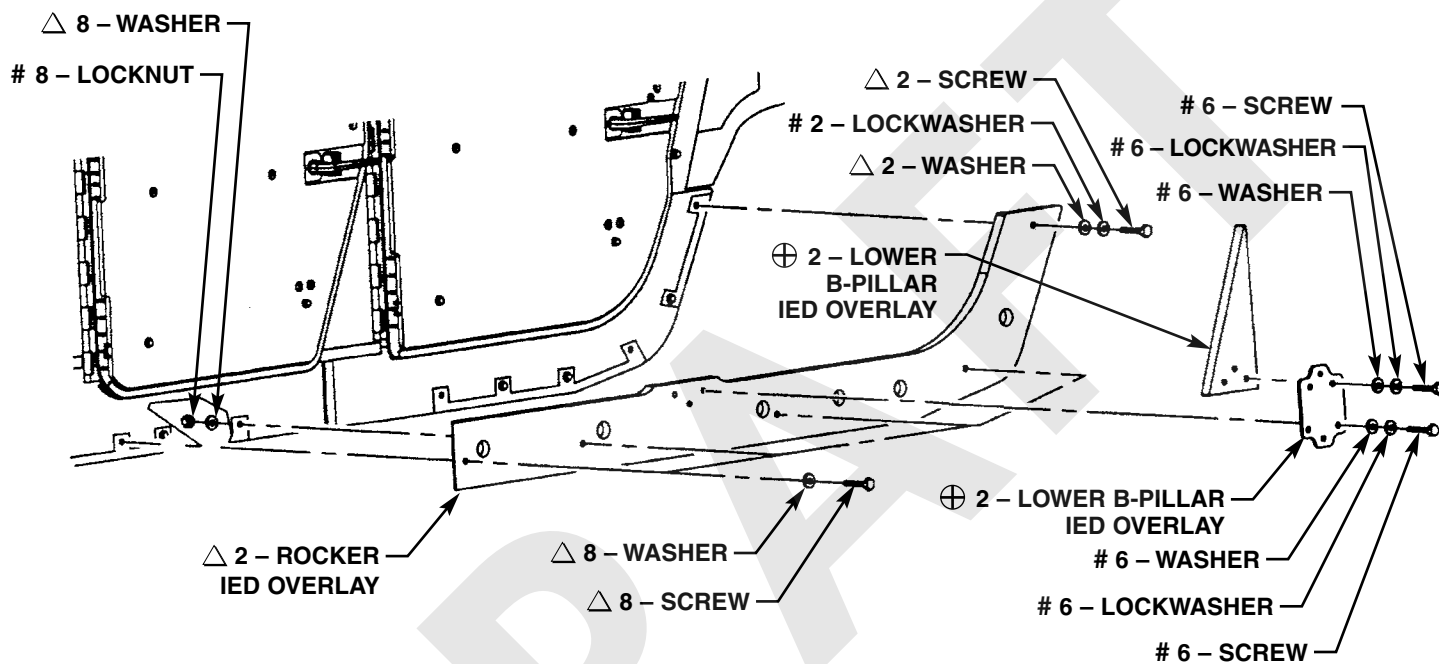
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LEFT SIDE SHOWN, RIGHT SIDE OPPOSITE  
DOORS SHOWN FOR CLARITY

**FIGURE 6**

INSTALLATION INSTRUCTIONS,  
FOUR-MAN ENHANCED  
PERIMETER ARMOR FRAG 1, 2,  
AND 5 MODIFICATION KIT

SIZE

**A**

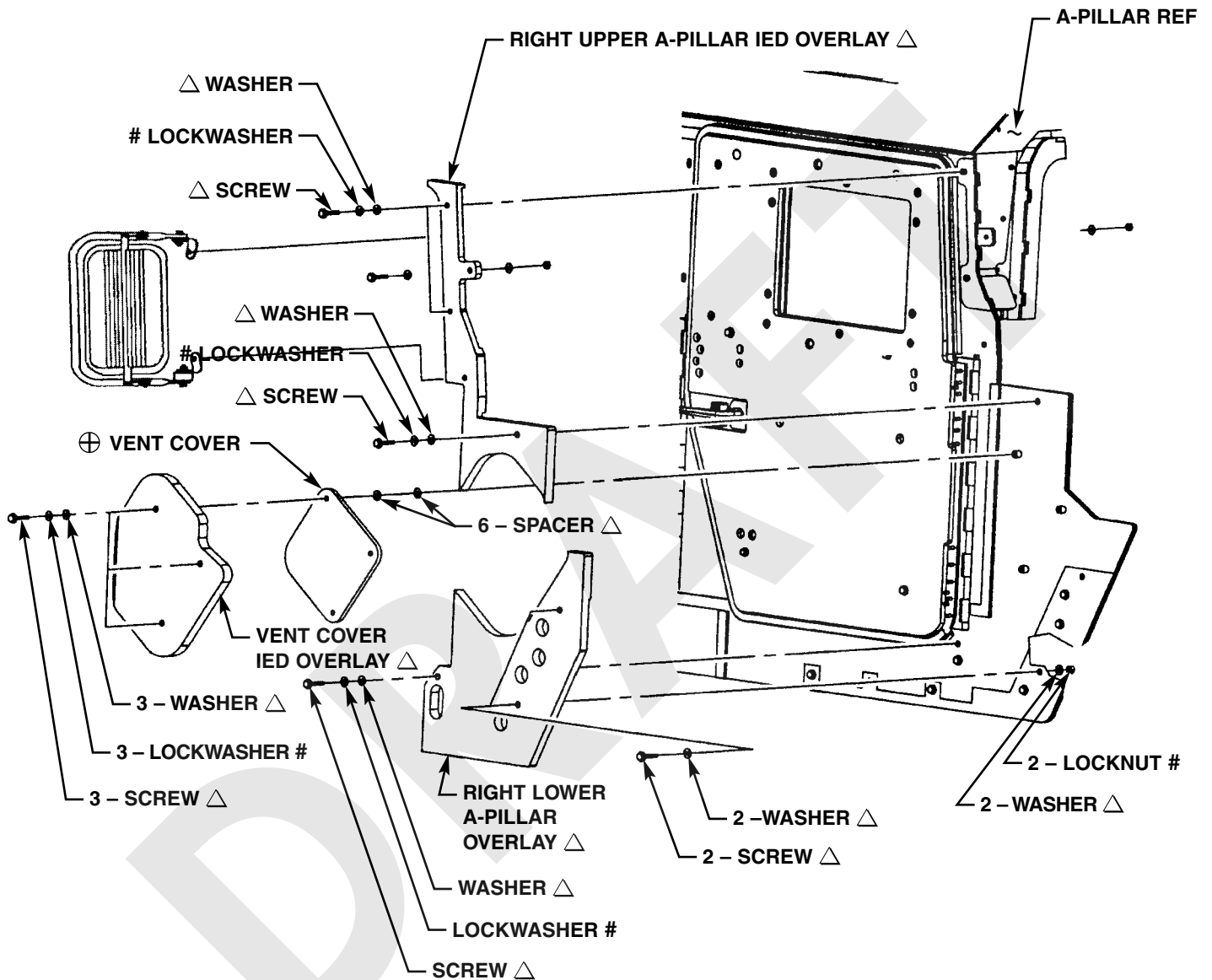
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SHEET 17



DOOR SHOWN FOR CLARITY

**FIGURE 7**

**INSTALLATION INSTRUCTIONS,  
FOUR-MAN ENHANCED  
PERIMETER ARMOR FRAG 1, 2,  
AND 5 MODIFICATION KIT**

SIZE

**A**

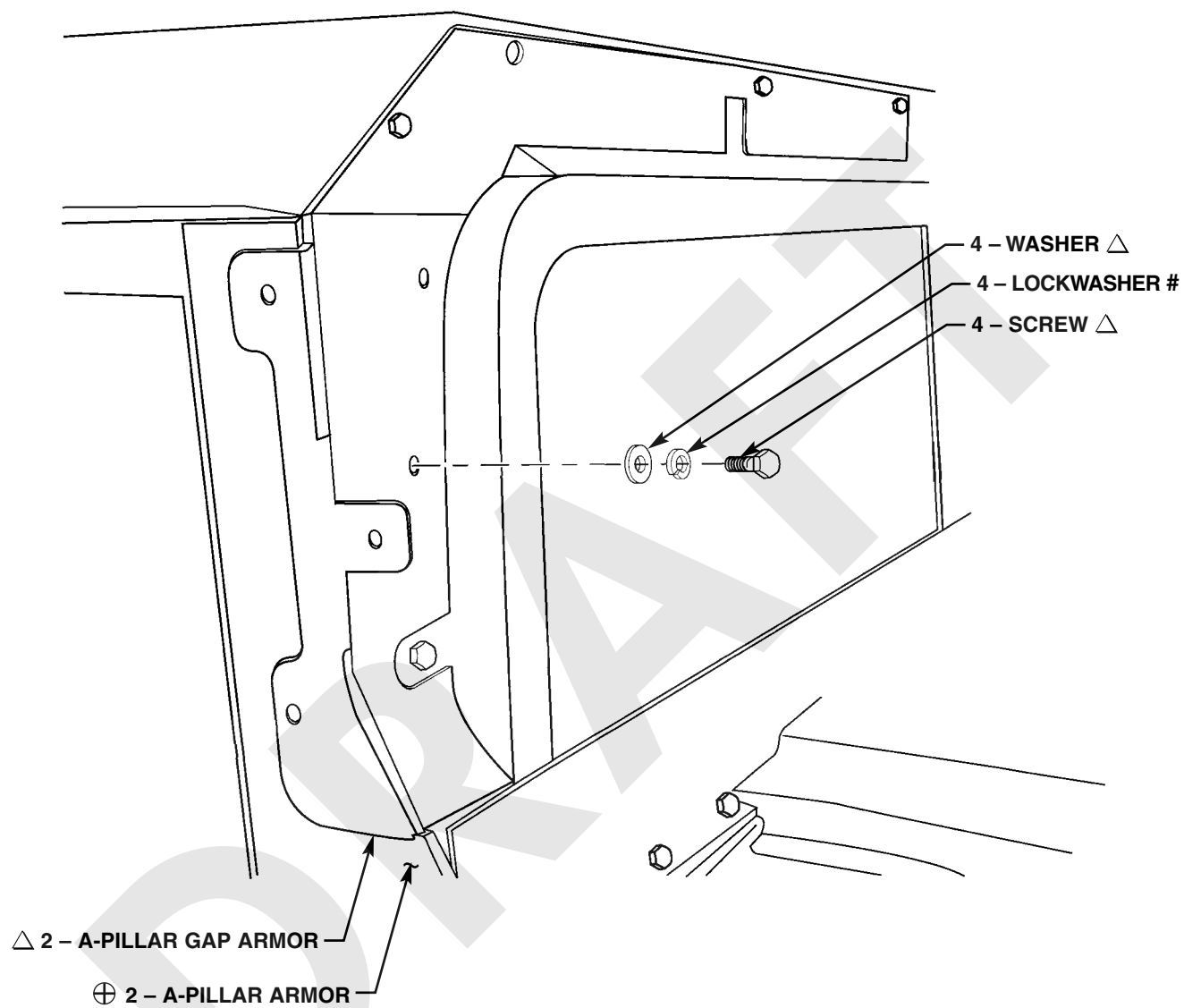
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**FIGURE 8**

**INSTALLATION INSTRUCTIONS,  
FOUR-MAN ENHANCED  
PERIMETER ARMOR FRAG 1, 2,  
AND 5 MODIFICATION KIT**

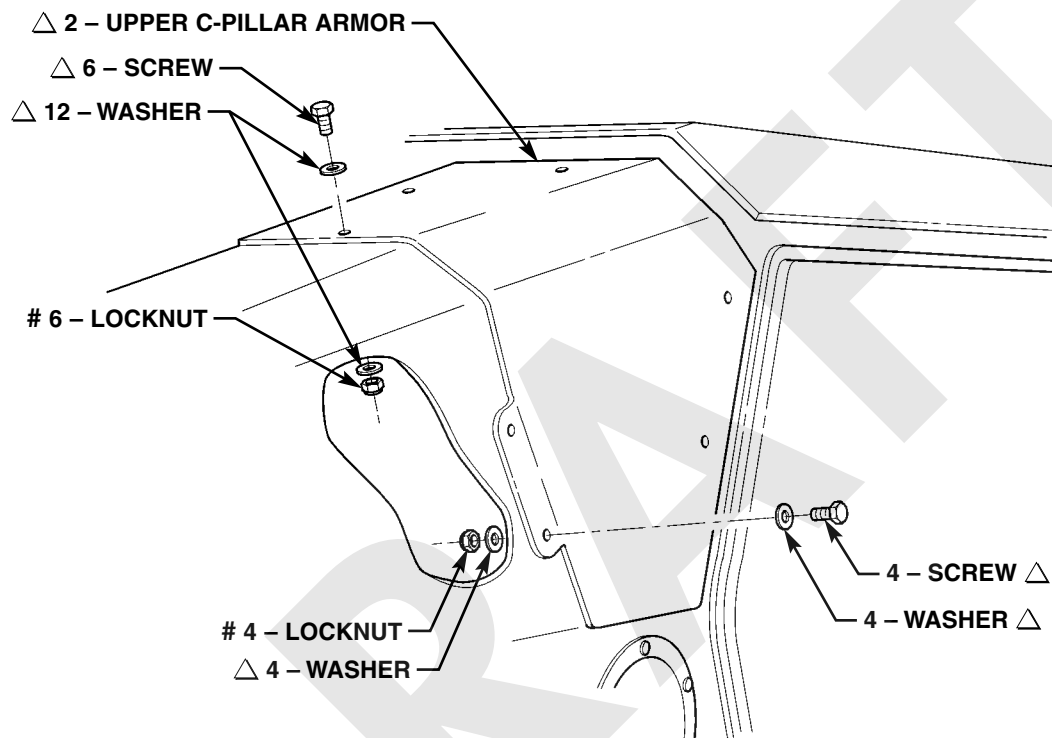
SIZE  
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**6032143**

REVISION LEVEL —

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RIGHT SIDE SHOWN, LEFT SIDE OPPOSITE

**FIGURE 9**

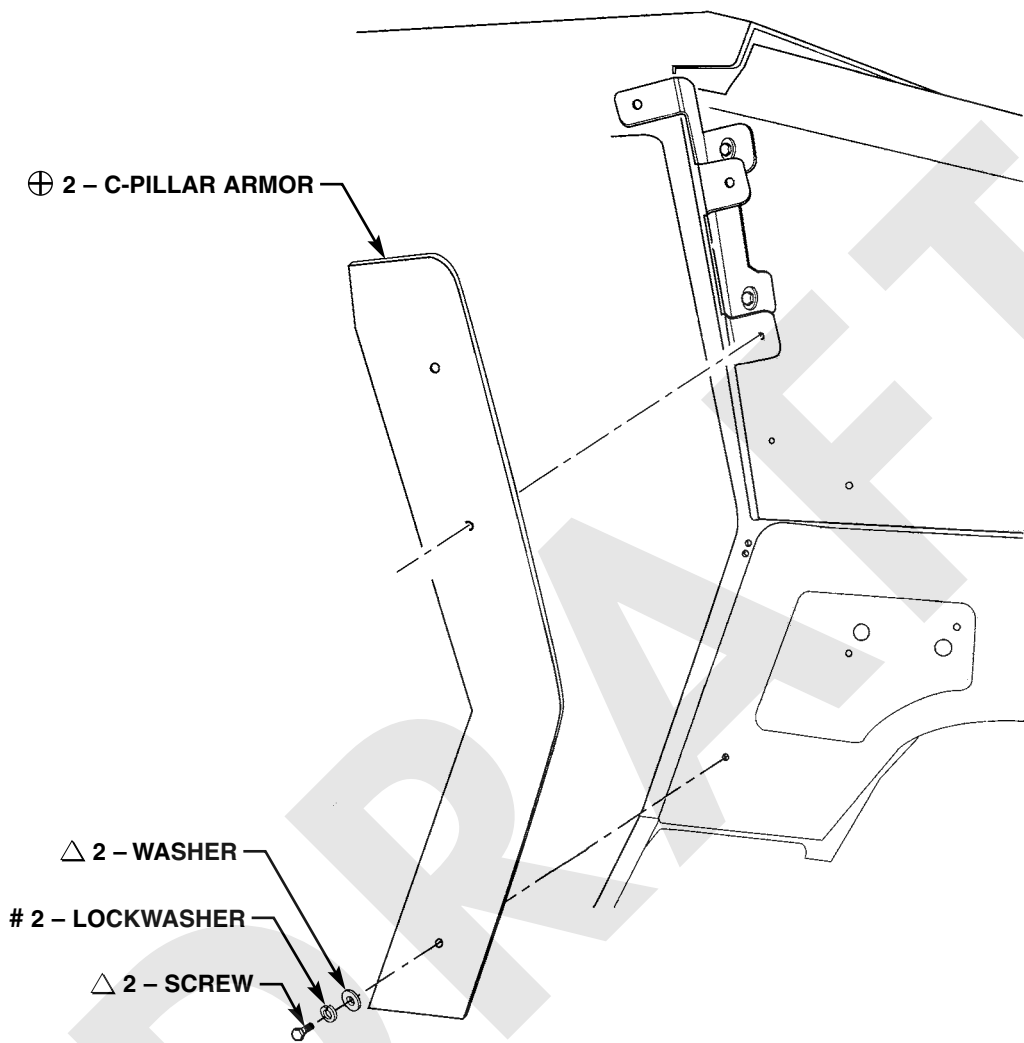
**INSTALLATION INSTRUCTIONS,  
FOUR-MAN ENHANCED  
PERIMETER ARMOR FRAG 1, 2,  
AND 5 MODIFICATION KIT**

SIZE  
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CAGE CODE  
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**6032143**

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LEFT SIDE SHOWN, RIGHT SIDE OPPOSITE

**FIGURE 10**

**INSTALLATION INSTRUCTIONS,  
FOUR-MAN ENHANCED  
PERIMETER ARMOR FRAG 1, 2,  
AND 5 MODIFICATION KIT**

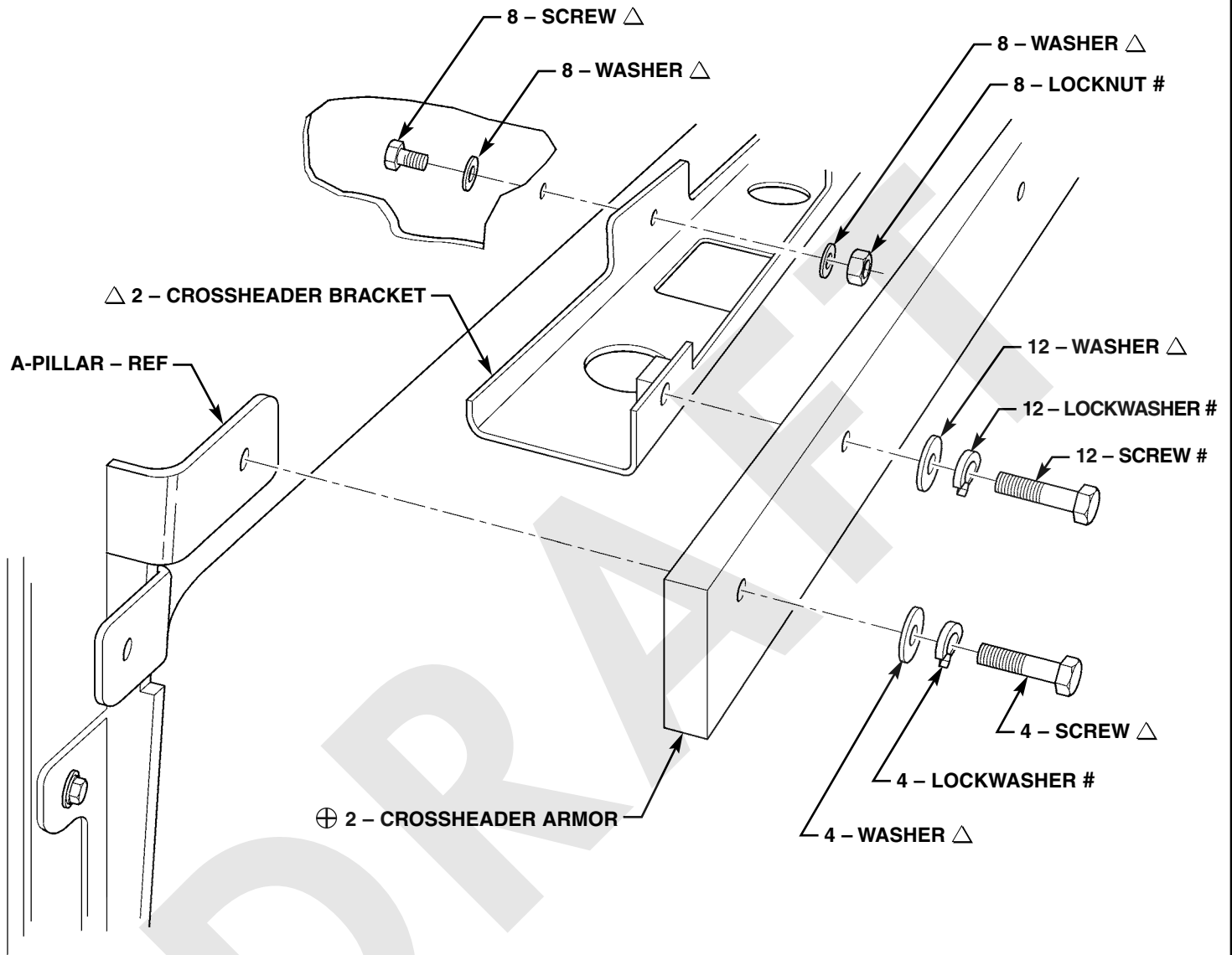
SIZE  
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REVISION LEVEL —

SHEET 21



LEFT SIDE SHOWN, RIGHT SIDE OPPOSITE

FIGURE 11

INSTALLATION INSTRUCTIONS,  
FOUR-MAN ENHANCED  
PERIMETER ARMOR FRAG 1, 2,  
AND 5 MODIFICATION KIT

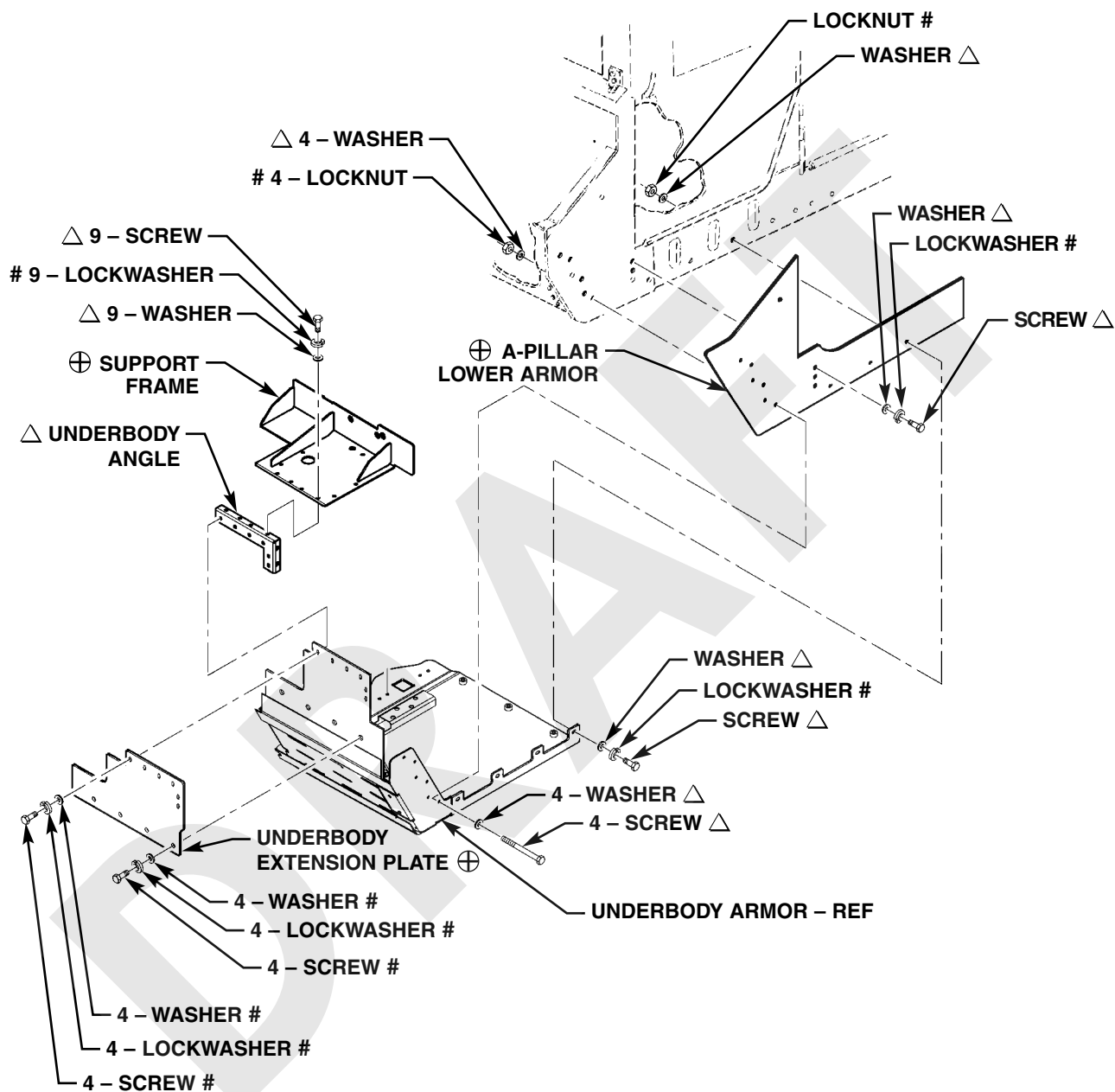
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SHEET 22



UNDERBODY ARMOR SHOWN REMOVED FOR CLARITY

FIGURE 12

INSTALLATION INSTRUCTIONS,  
FOUR-MAN ENHANCED  
PERIMETER ARMOR FRAG 1, 2,  
AND 5 MODIFICATION KIT

SIZE

A

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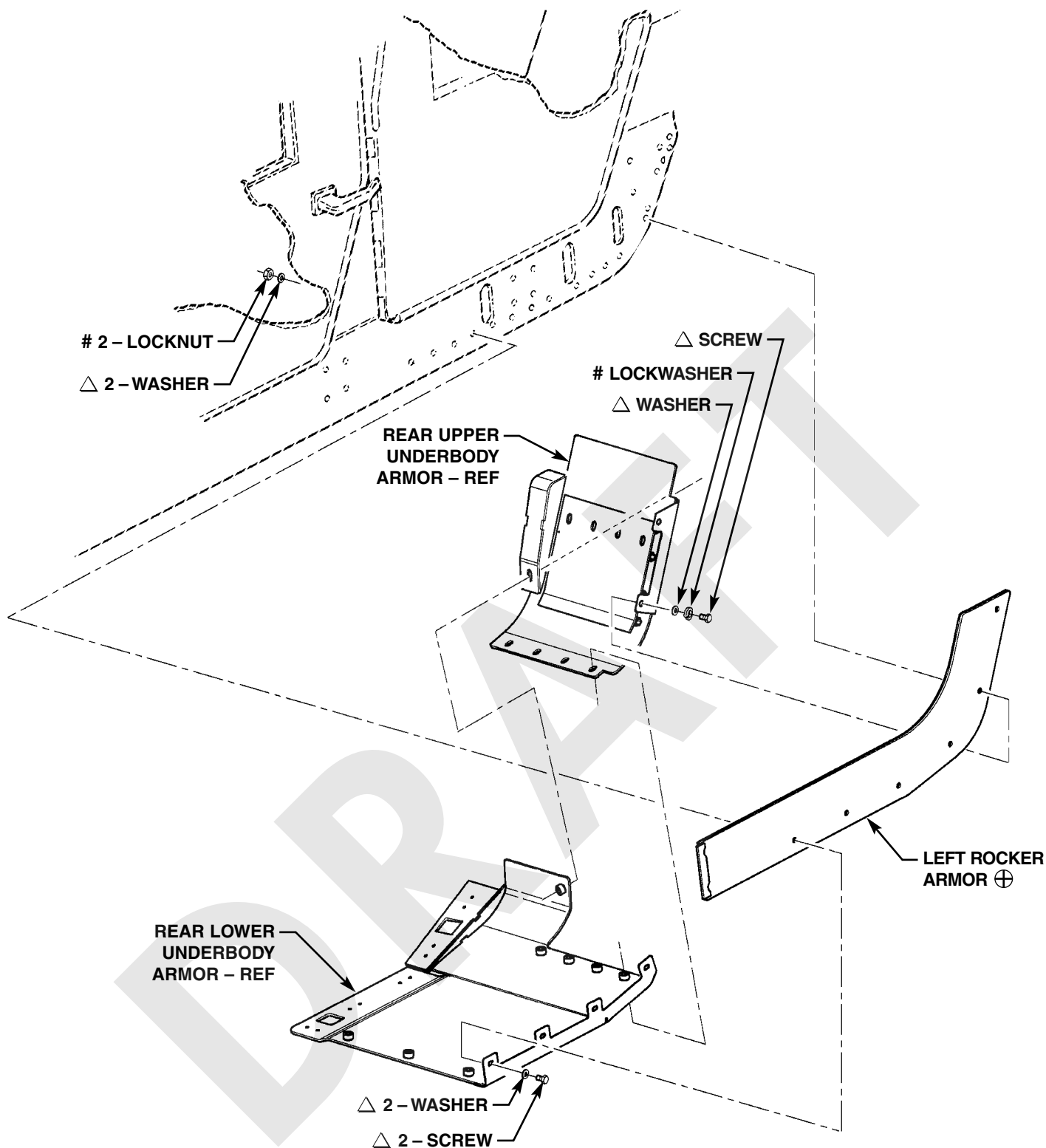
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REAR UPPER AND LOWER UNDERBODY ARMOR SHOWN REMOVED FOR CLARITY

**FIGURE 13**

INSTALLATION INSTRUCTIONS,  
FOUR-MAN ENHANCED  
PERIMETER ARMOR FRAG 1, 2,  
AND 5 MODIFICATION KIT

SIZE

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CAGE CODE

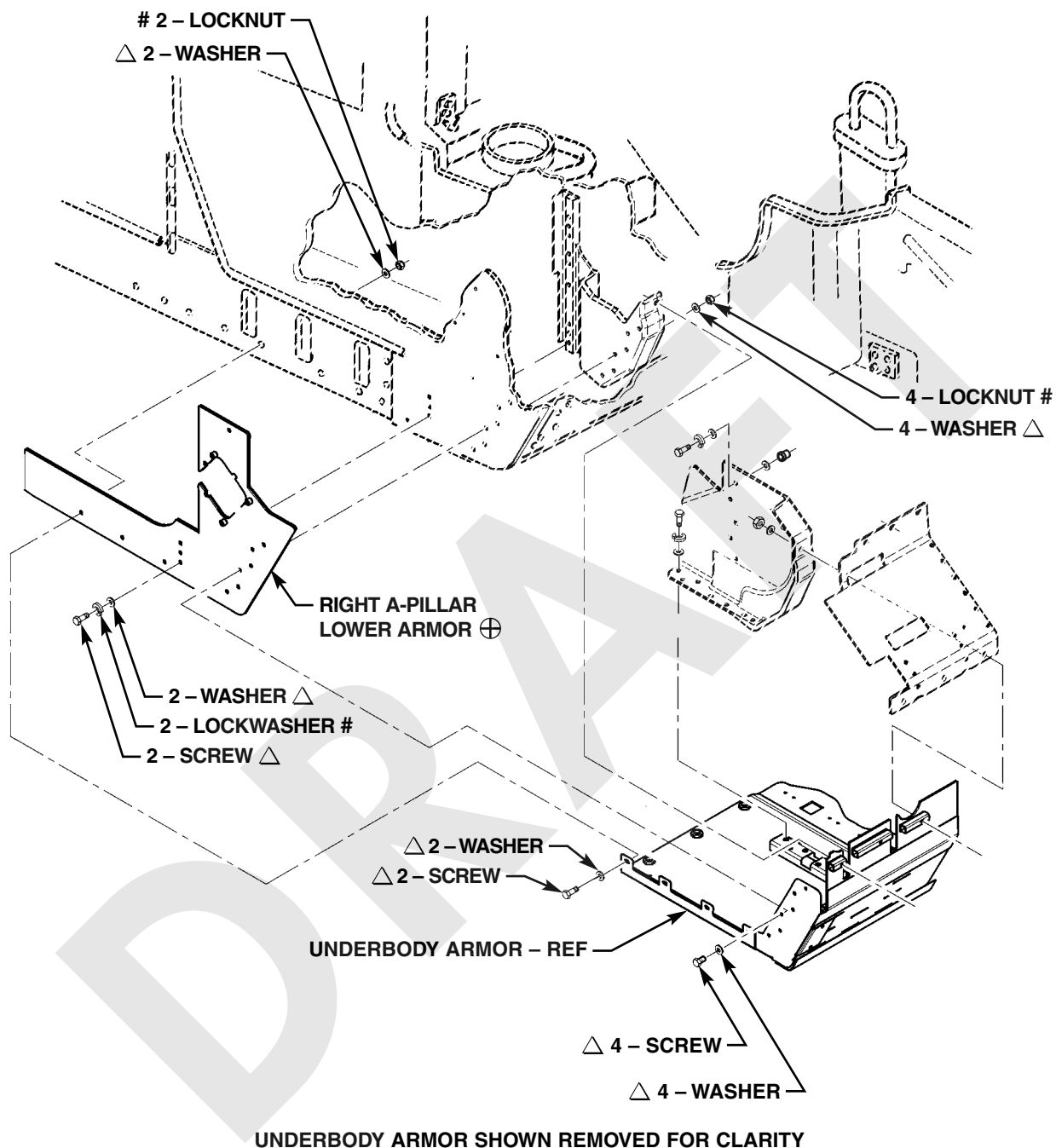
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**FIGURE 14**

**INSTALLATION INSTRUCTIONS,  
 FOUR-MAN ENHANCED  
 PERIMETER ARMOR FRAG 1, 2,  
 AND 5 MODIFICATION KIT**

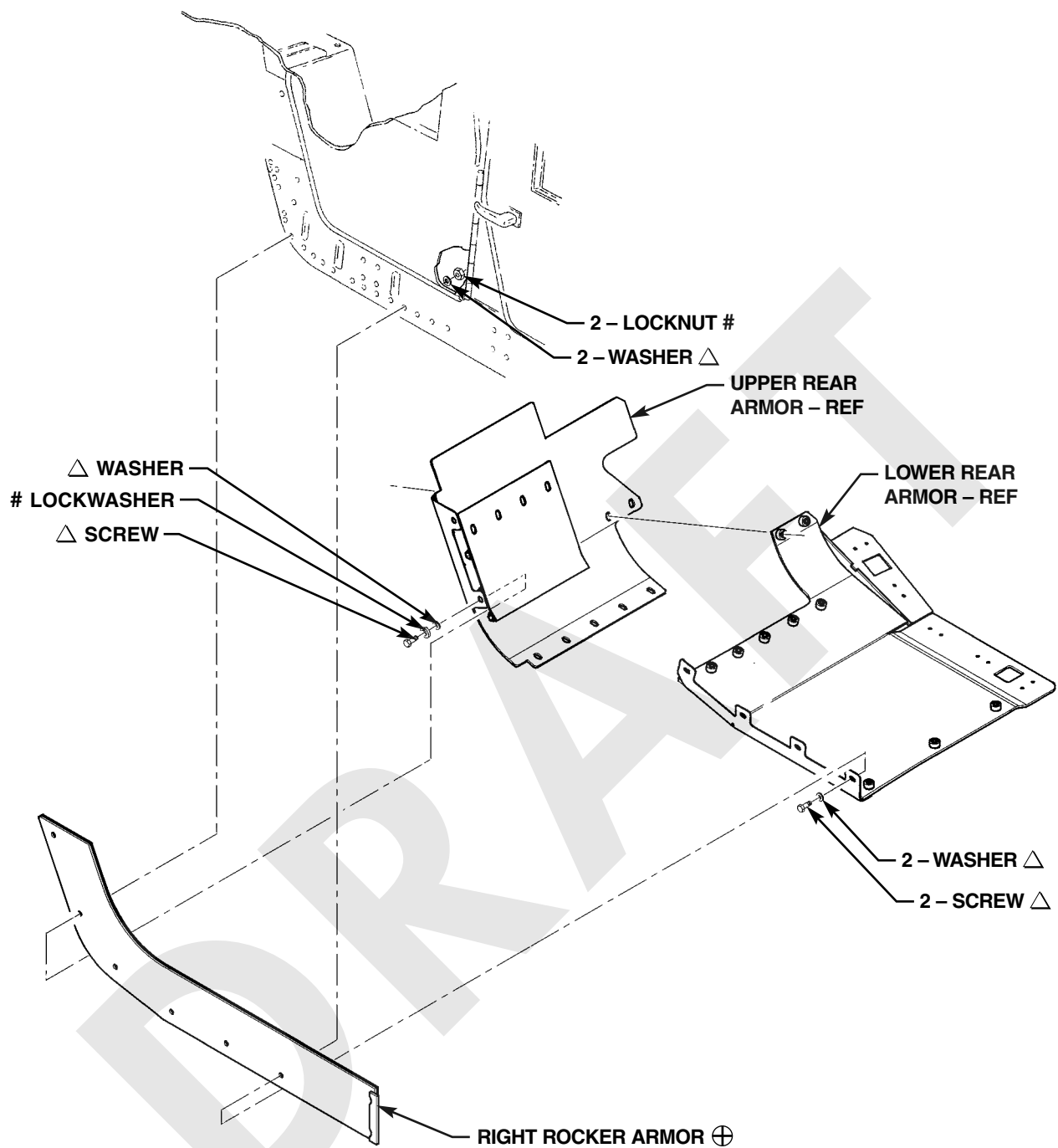
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**6032143**

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UPPER AND LOWER REAR ARMOR SHOWN REMOVED FOR CLARITY

**FIGURE 15**

**INSTALLATION INSTRUCTIONS,  
FOUR-MAN ENHANCED  
PERIMETER ARMOR FRAG 1, 2,  
AND 5 MODIFICATION KIT**

**SIZE  
A**

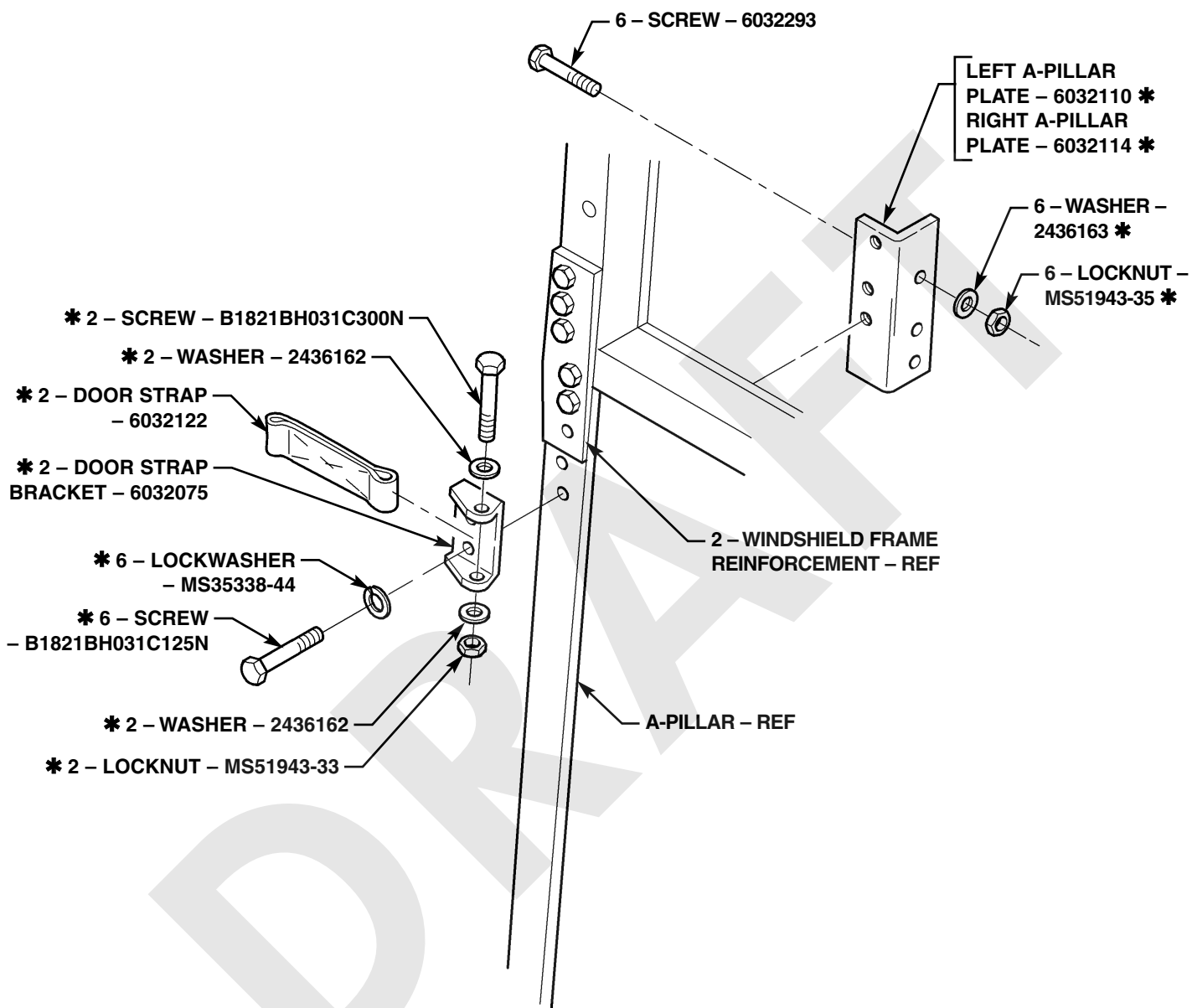
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**REVISION LEVEL**

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**SHEET 26**



LEFT SIDE SHOWN, RIGHT SIDE OPPOSITE

FIGURE 16

INSTALLATION INSTRUCTIONS,  
FOUR-MAN ENHANCED  
PERIMETER ARMOR FRAG 1, 2,  
AND 5 MODIFICATION KIT

SIZE  
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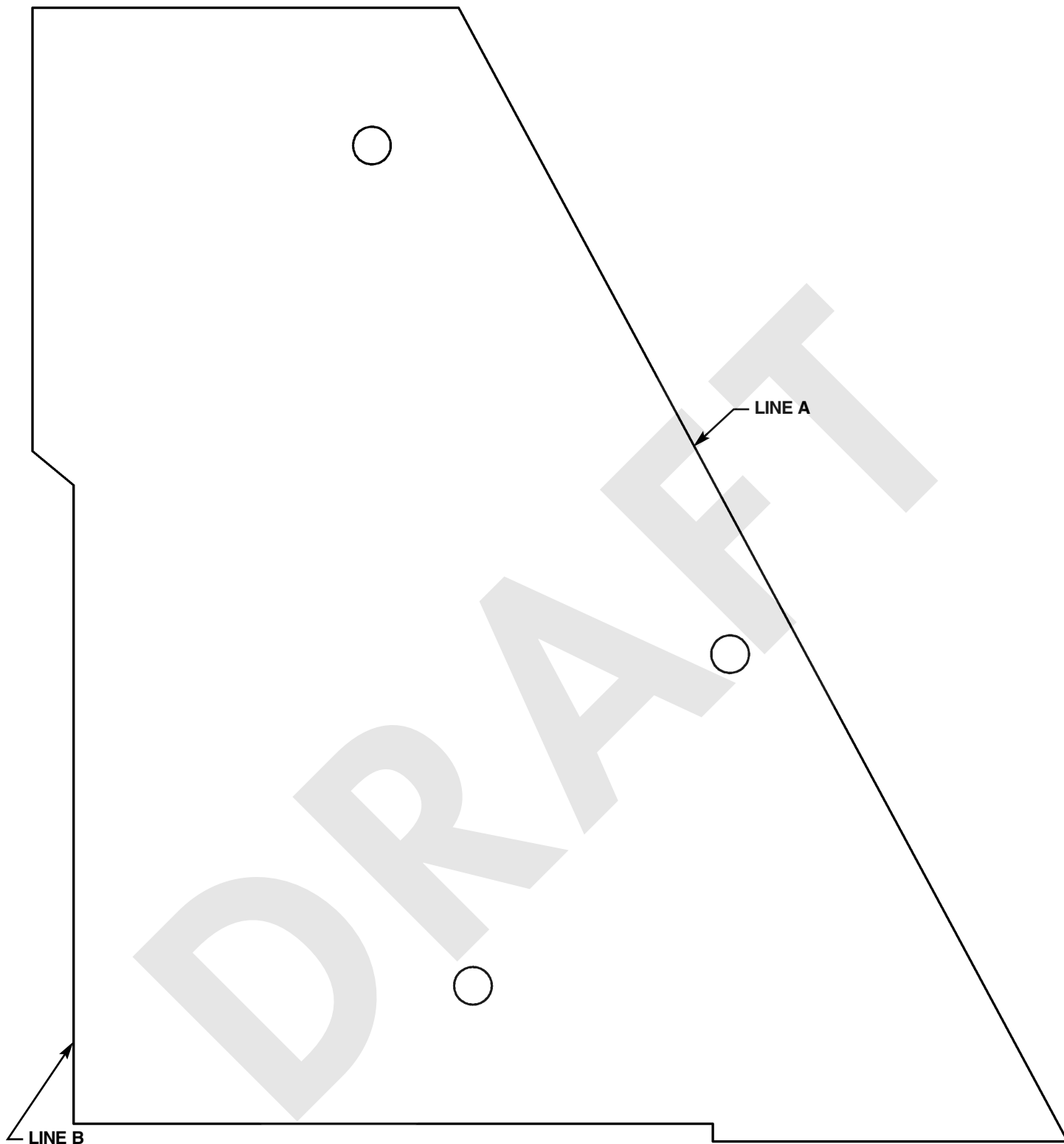


FIGURE 17

INSTALLATION INSTRUCTIONS,  
FOUR-MAN ENHANCED  
PERIMETER ARMOR FRAG 1, 2,  
AND 5 MODIFICATION KIT

SIZE

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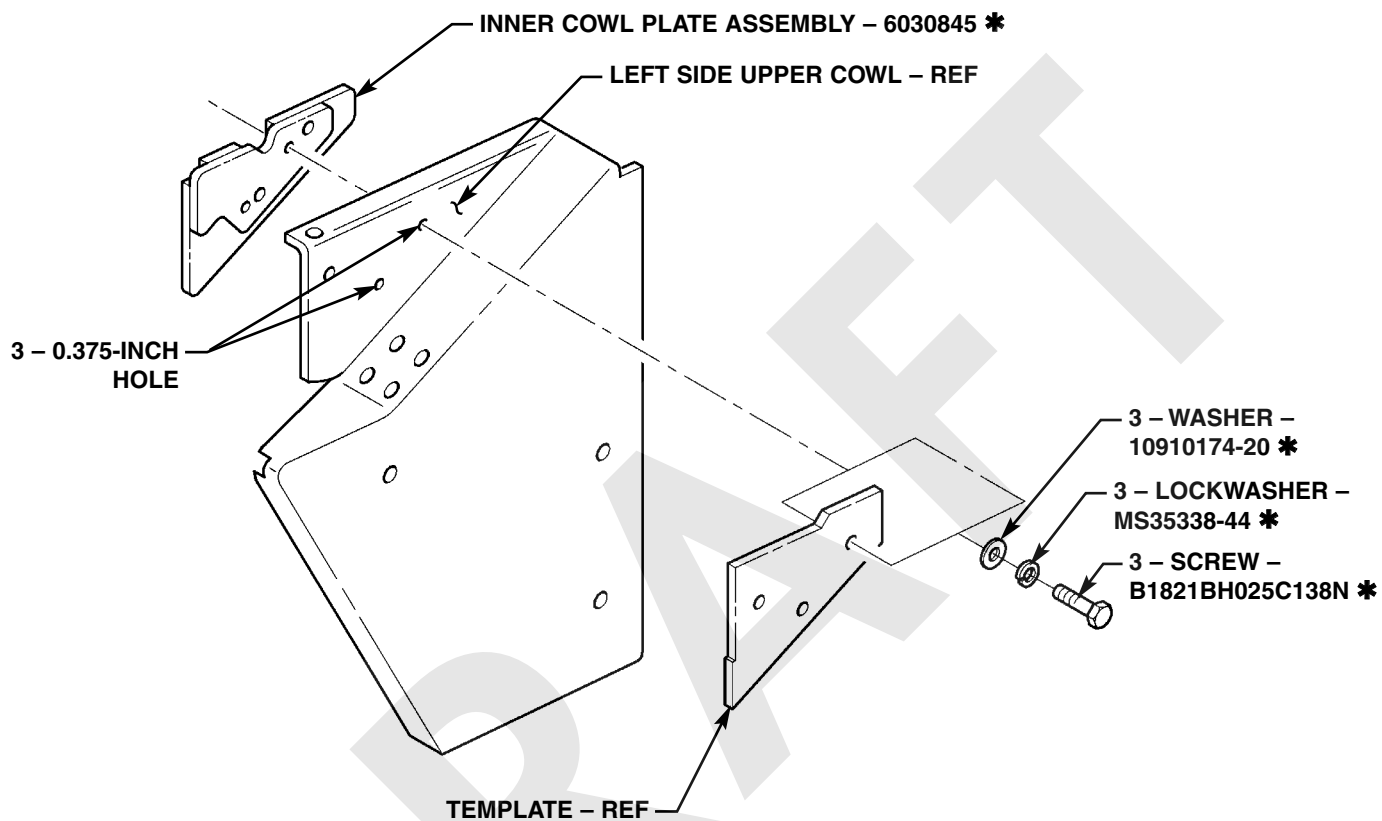
CAGE CODE

**34623**

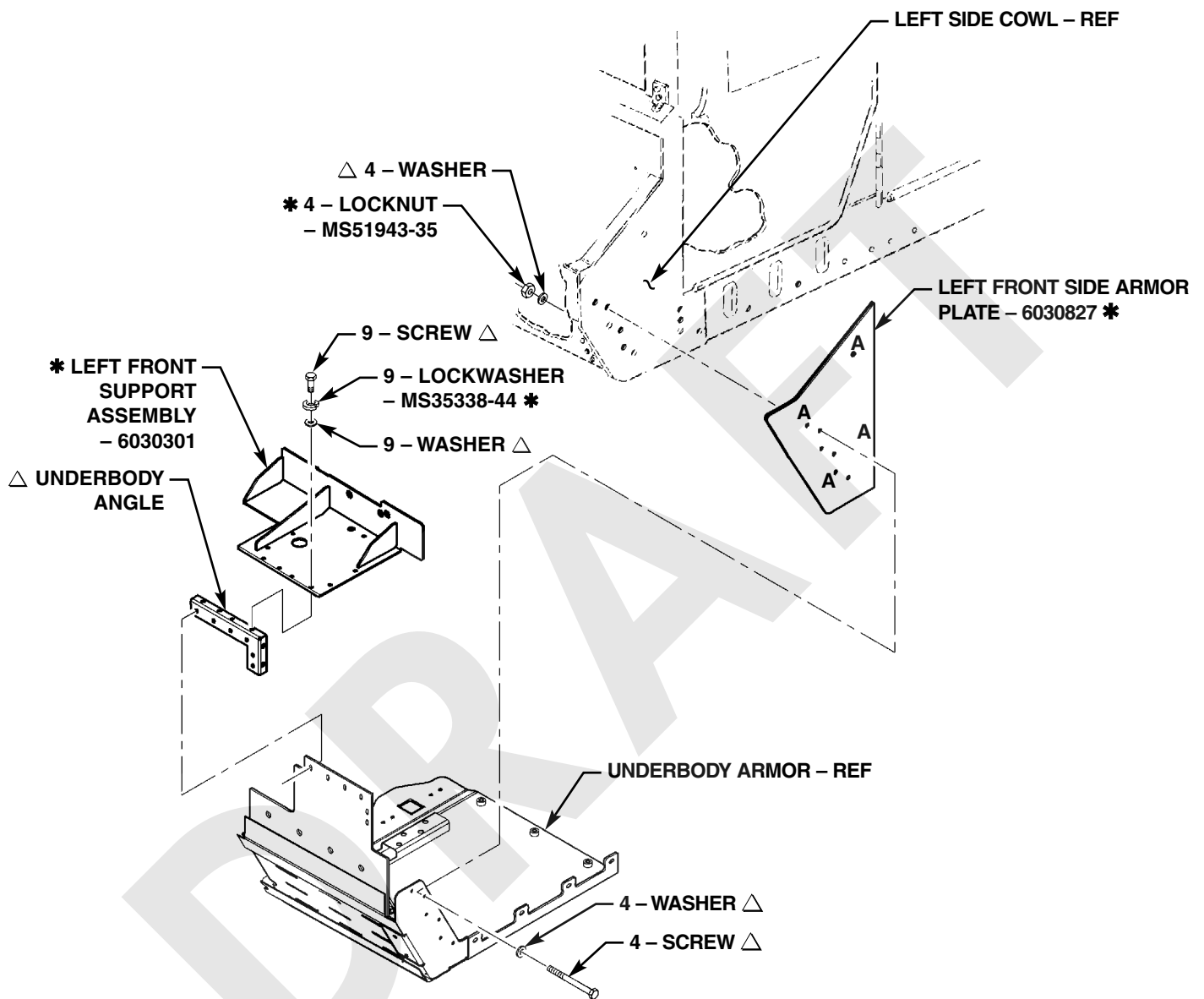
**6032143**

REVISION LEVEL —

SHEET 28



**FIGURE 18**



UNDERBODY ARMOR SHOWN REMOVED FOR CLARITY

**FIGURE 19**

**INSTALLATION INSTRUCTIONS,  
FOUR-MAN ENHANCED  
PERIMETER ARMOR FRAG 1, 2,  
AND 5 MODIFICATION KIT**

SIZE

**A**

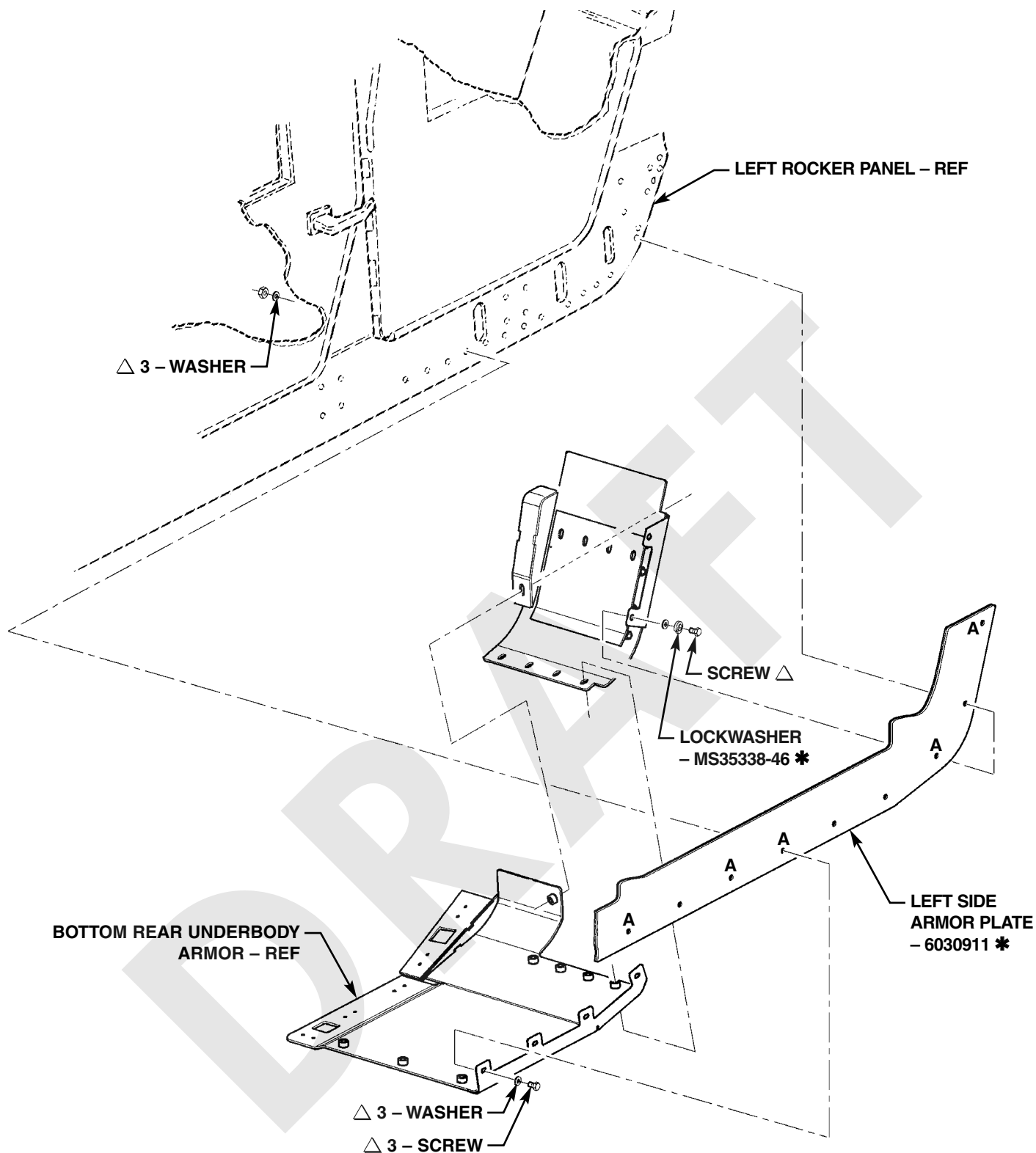
CAGE CODE

**34623**

**6032143**

REVISION LEVEL —

SHEET 30



TOP AND BOTTOM UNDERBODY ARMOR SHOWN REMOVED FOR CLARITY

**FIGURE 20**

INSTALLATION INSTRUCTIONS,  
FOUR-MAN ENHANCED  
PERIMETER ARMOR FRAG 1, 2,  
AND 5 MODIFICATION KIT

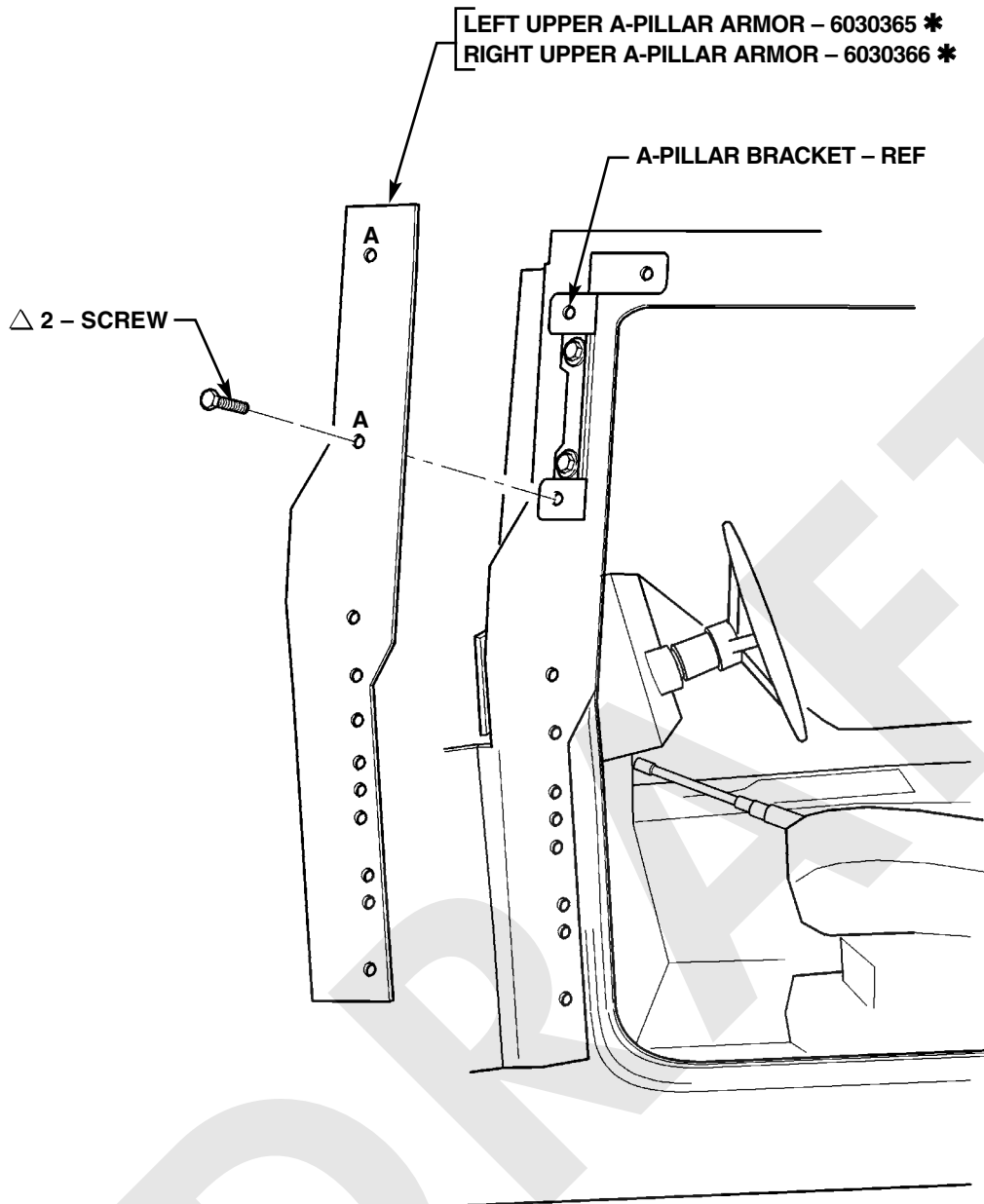
SIZE  
**A**

CAGE CODE  
**34623**

**6032143**

REVISION LEVEL —

SHEET 31



LEFT SIDE SHOWN, RIGHT SIDE OPPOSITE

FIGURE 21

INSTALLATION INSTRUCTIONS,  
FOUR-MAN ENHANCED  
PERIMETER ARMOR FRAG 1, 2,  
AND 5 MODIFICATION KIT

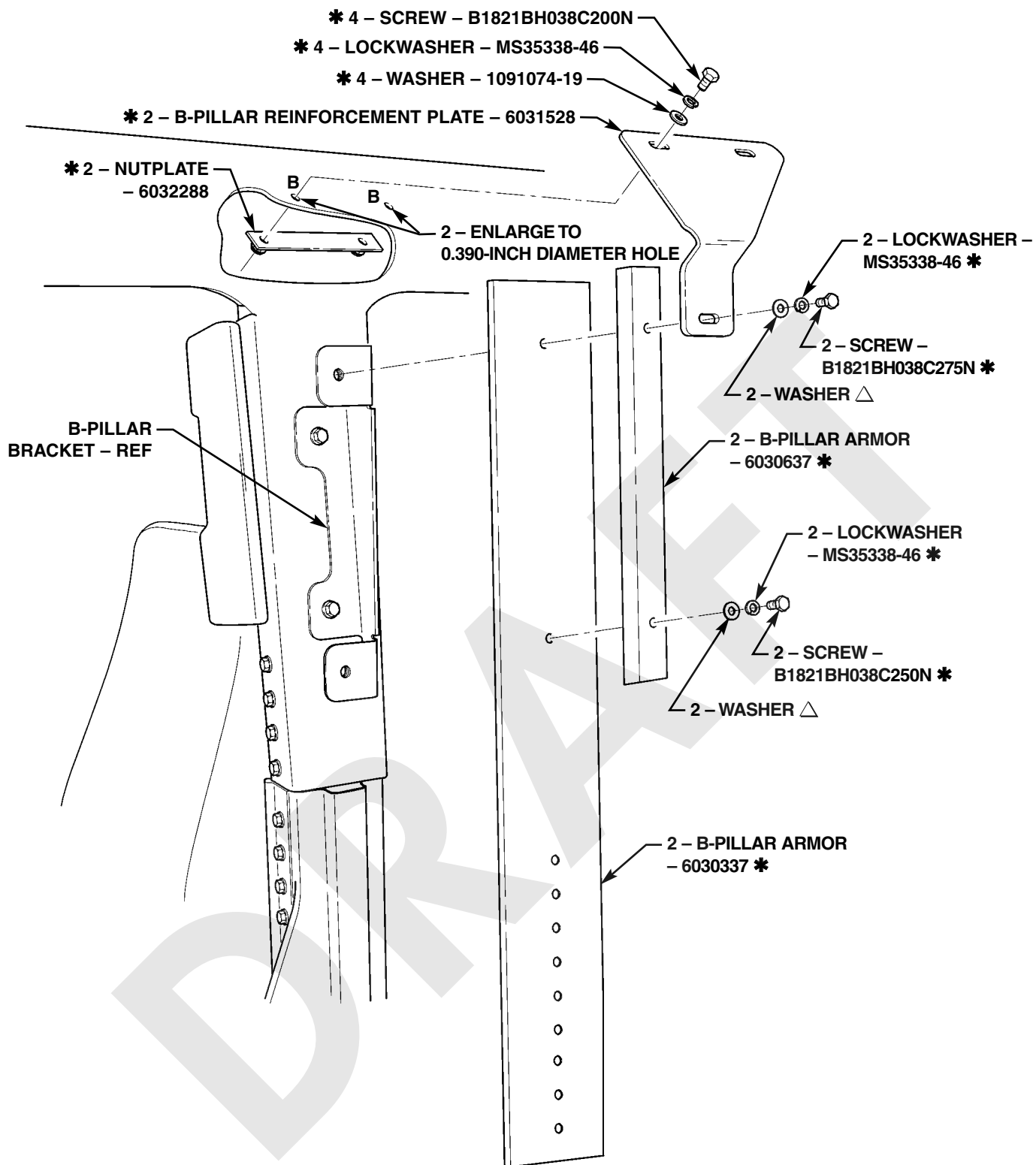
SIZE  
**A**

CAGE CODE  
**34623**

**6032143**

REVISION LEVEL — SHEET 32





LEFT SIDE SHOWN, RIGHT SIDE OPPOSITE

FIGURE 22

INSTALLATION INSTRUCTIONS,  
 FOUR-MAN ENHANCED  
 PERIMETER ARMOR FRAG 1, 2,  
 AND 5 MODIFICATION KIT

SIZE

A

CAGE CODE

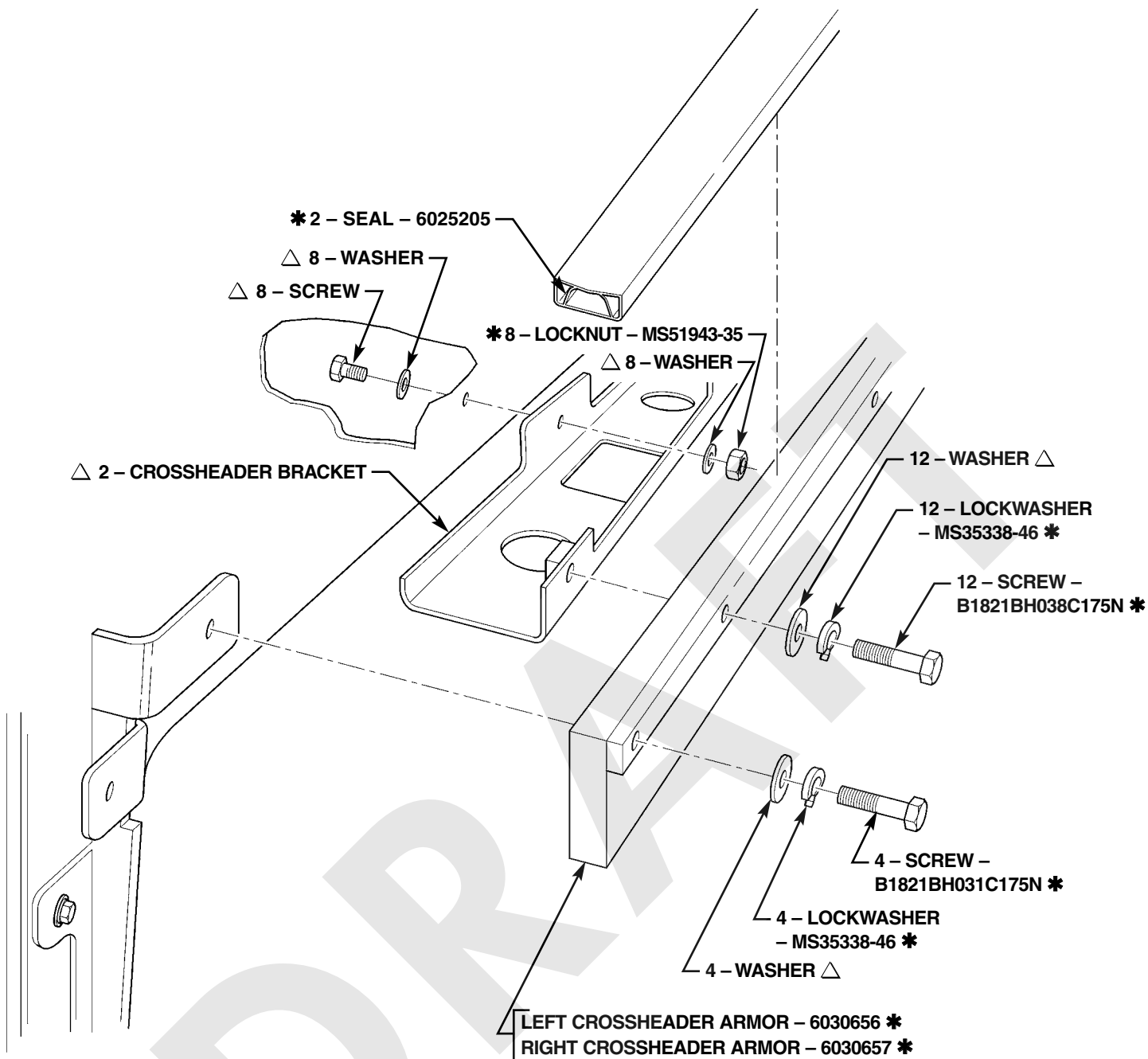
34623

6032143

REVISION LEVEL

—

SHEET 33



LEFT SIDE SHOWN, RIGHT SIDE OPPOSITE

FIGURE 23

INSTALLATION INSTRUCTIONS,  
 FOUR-MAN ENHANCED  
 PERIMETER ARMOR FRAG 1, 2,  
 AND 5 MODIFICATION KIT

SIZE

A

CAGE CODE

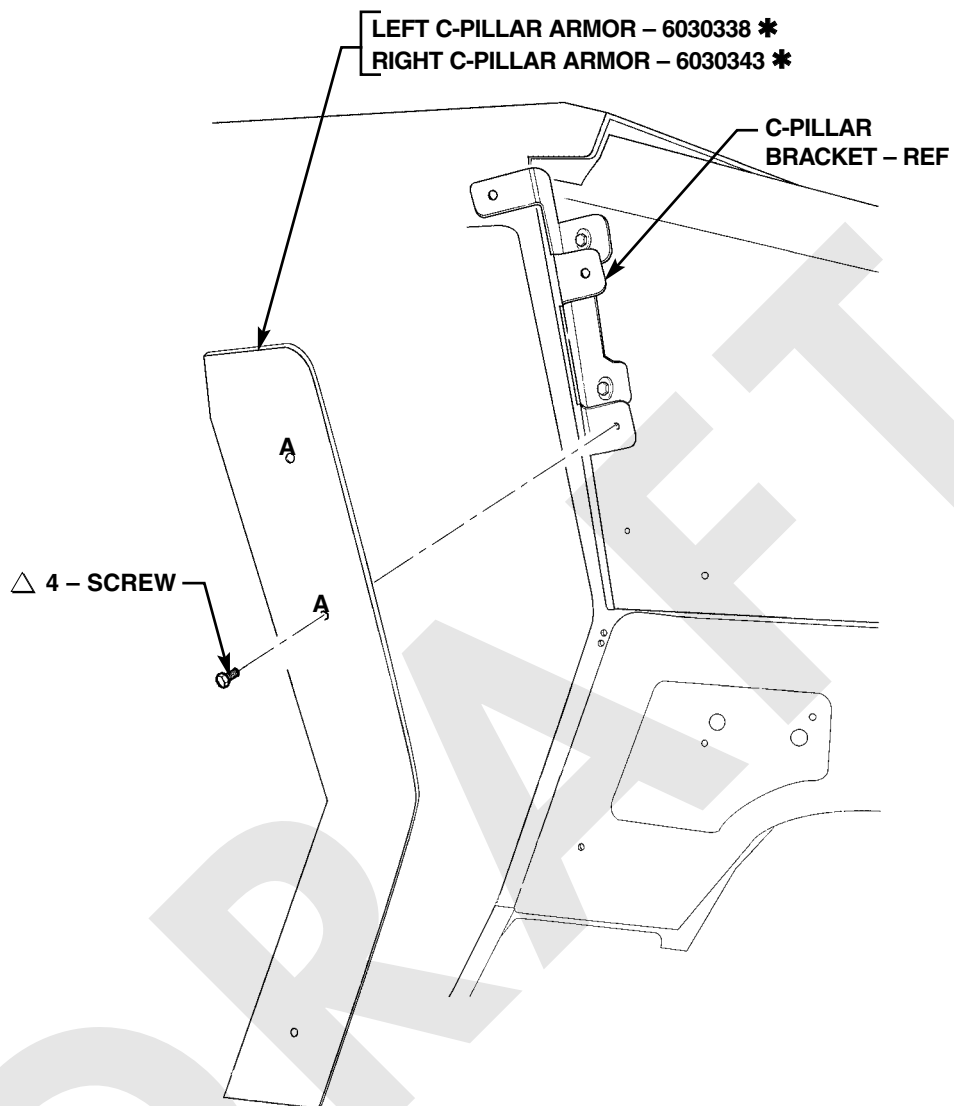
34623

6032143

REVISION LEVEL

XA

SHEET 34



LEFT SIDE SHOWN, RIGHT SIDE OPPOSITE

**FIGURE 24**

**INSTALLATION INSTRUCTIONS,  
FOUR-MAN ENHANCED  
PERIMETER ARMOR FRAG 1, 2,  
AND 5 MODIFICATION KIT**

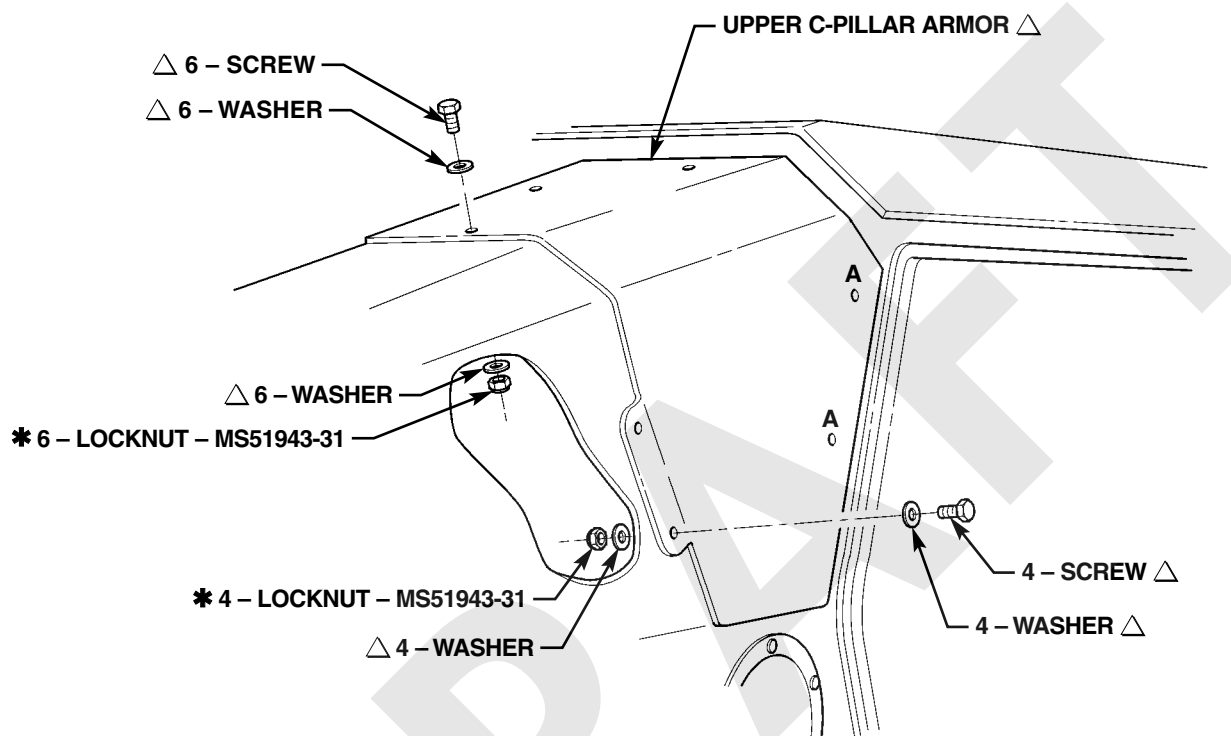
SIZE  
**A**

CAGE CODE  
**34623**

**6032143**

REVISION LEVEL —

SHEET 35



RIGHT SIDE SHOWN, LEFT SIDE OPPOSITE

FIGURE 25

INSTALLATION INSTRUCTIONS,  
FOUR-MAN ENHANCED  
PERIMETER ARMOR FRAG 1, 2,  
AND 5 MODIFICATION KIT

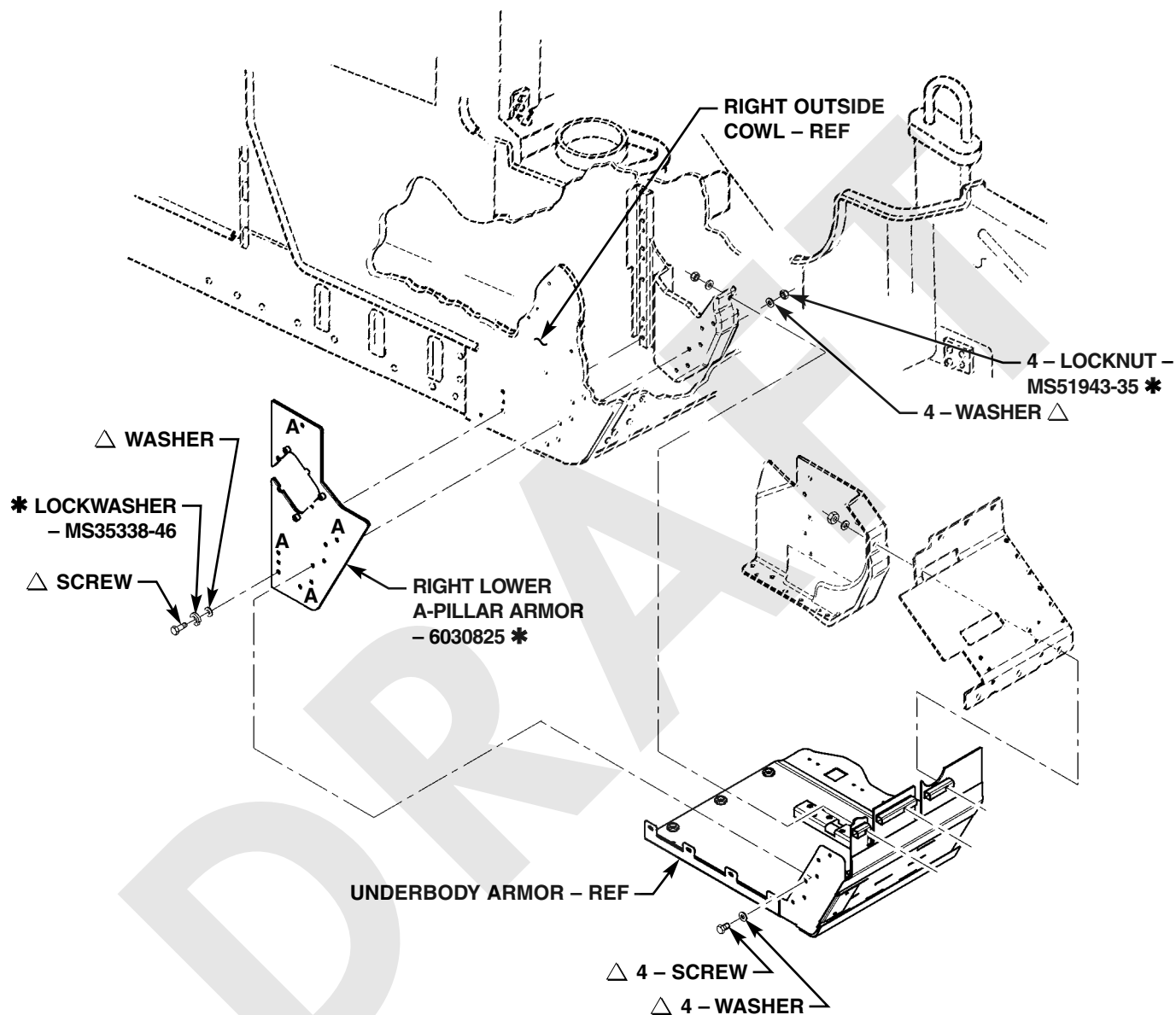
SIZE  
**A**

CAGE CODE  
**34623**

**6032143**

REVISION LEVEL —

SHEET 36



UNDERBODY ARMOR SHOWN REMOVED FOR CLARITY

**FIGURE 26**

**INSTALLATION INSTRUCTIONS,  
FOUR-MAN ENHANCED  
PERIMETER ARMOR FRAG 1, 2,  
AND 5 MODIFICATION KIT**

SIZE

**A**

CAGE CODE

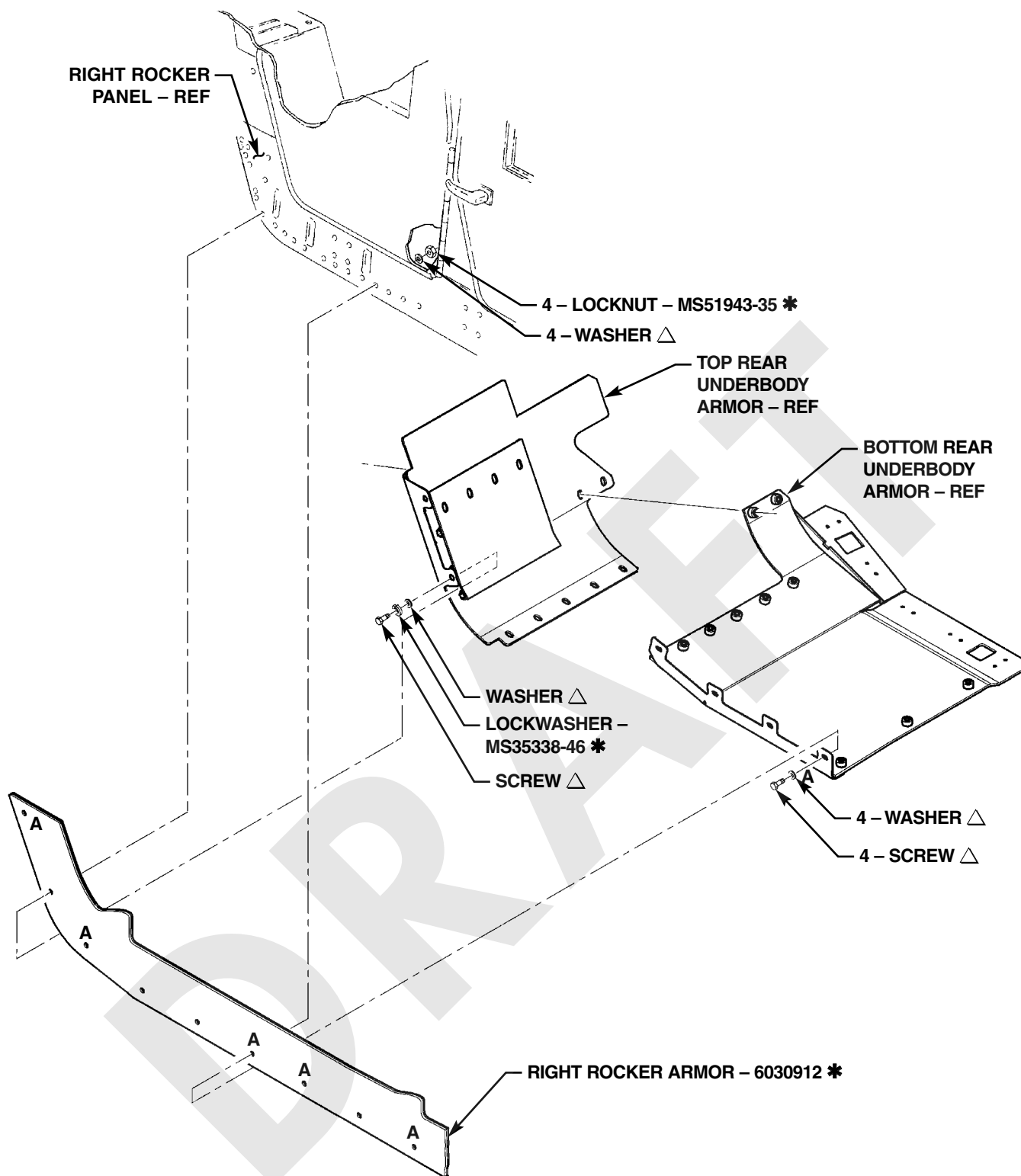
**34623**

**6032143**

REVISION LEVEL

—

SHEET 37



TOP AND BOTTOM REAR UNDERBODY ARMOR SHOWN REMOVED FOR CLARITY

**FIGURE 27**

**INSTALLATION INSTRUCTIONS,  
FOUR-MAN ENHANCED  
PERIMETER ARMOR FRAG 1, 2,  
AND 5 MODIFICATION KIT**

SIZE

**A**

CAGE CODE

**34623**

**6032143**

REVISION LEVEL —

SHEET 38

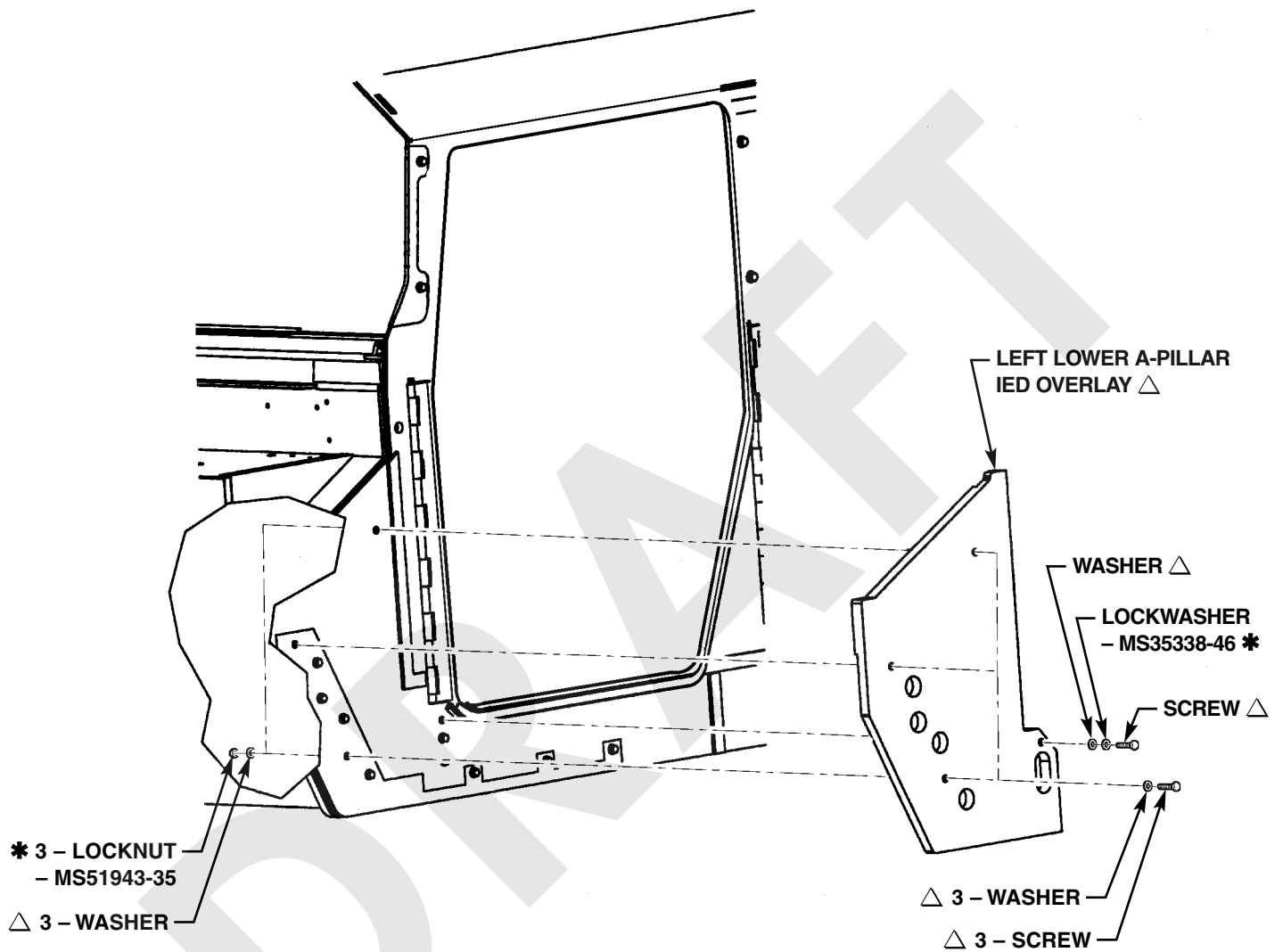


FIGURE 28

INSTALLATION INSTRUCTIONS,  
FOUR-MAN ENHANCED  
PERIMETER ARMOR FRAG 1, 2,  
AND 5 MODIFICATION KIT

SIZE  
**A**

CAGE CODE  
**34623**

**6032143**

REVISION LEVEL —

SHEET 39

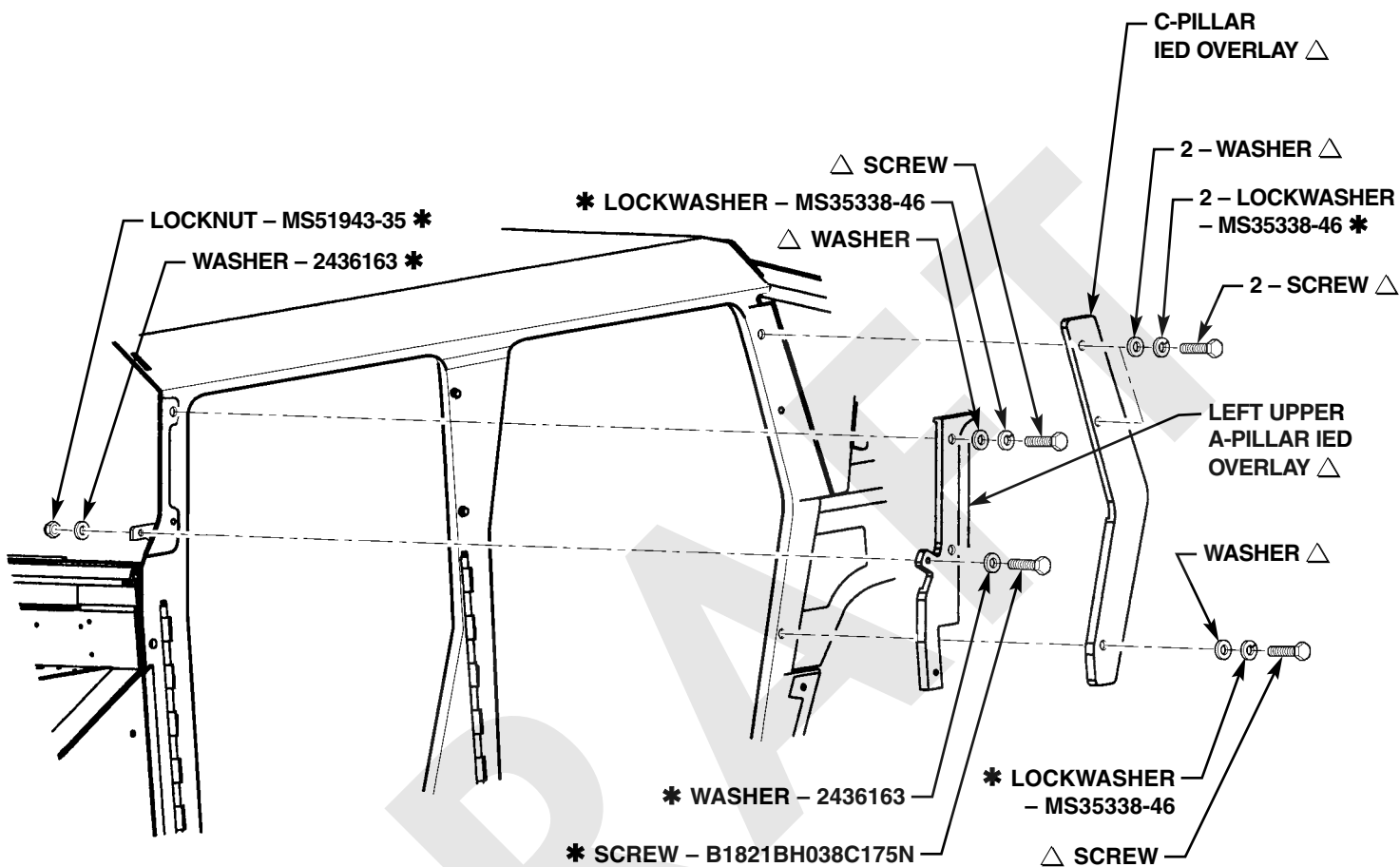


FIGURE 29

INSTALLATION INSTRUCTIONS,  
FOUR-MAN ENHANCED  
PERIMETER ARMOR FRAG 1, 2,  
AND 5 MODIFICATION KIT

SIZE  
**A**

CAGE CODE  
**34623**

**6032143**

REVISION LEVEL —

SHEET 40



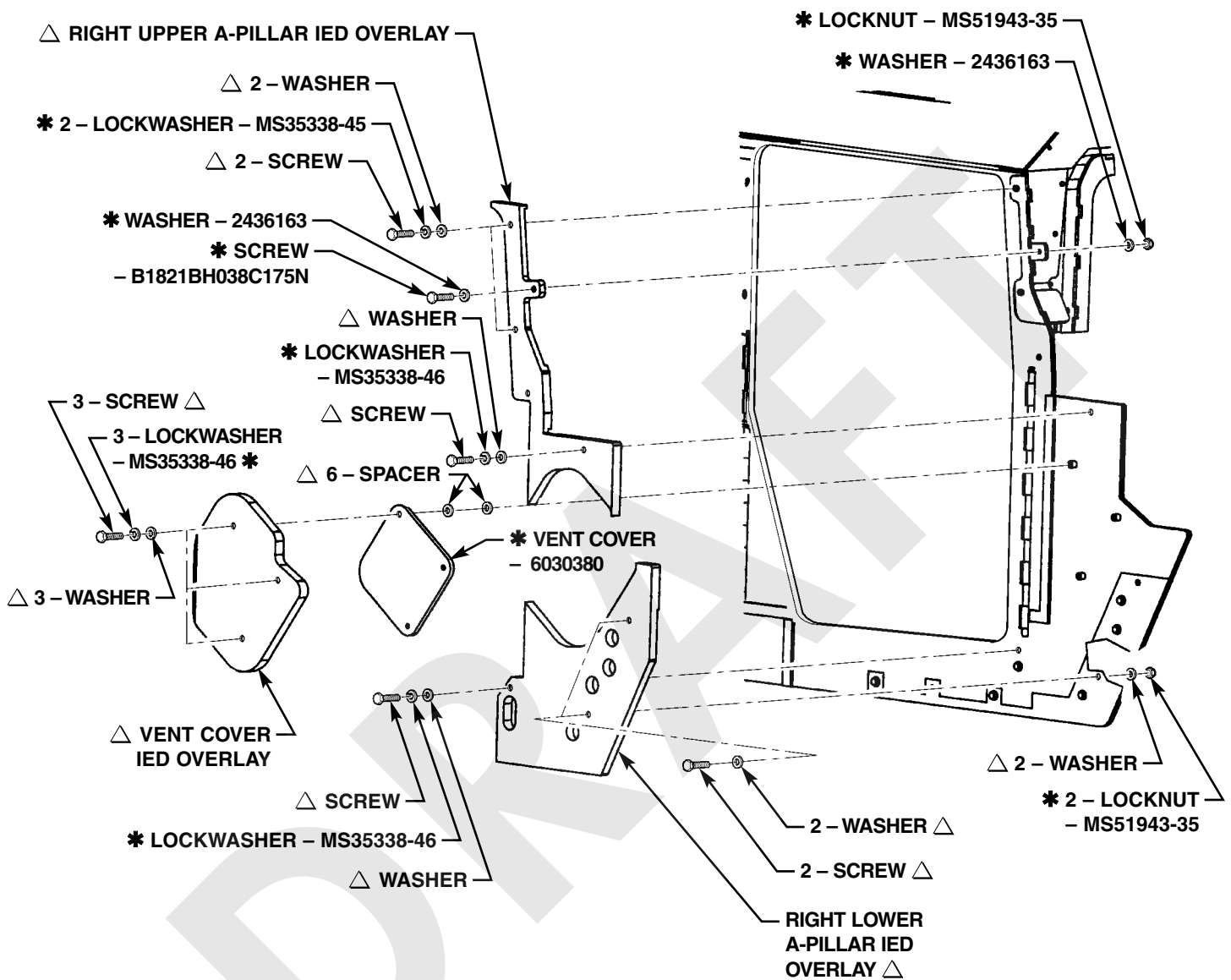
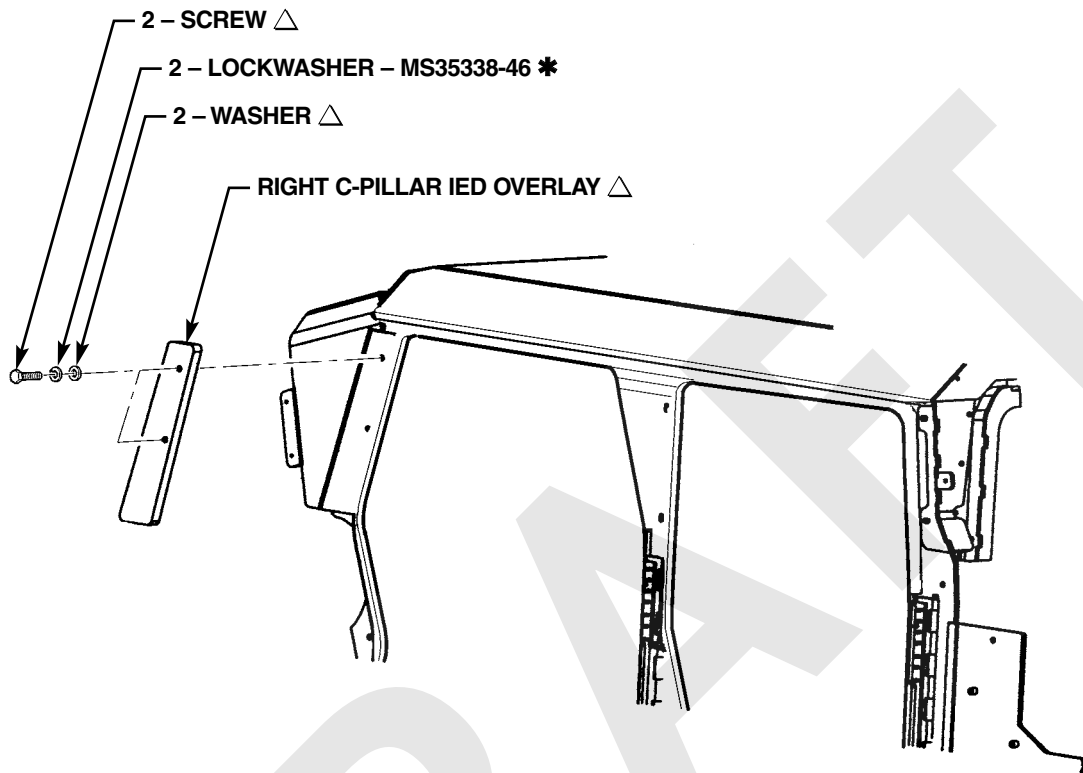


FIGURE 30



**FIGURE 31**

**INSTALLATION INSTRUCTIONS,  
FOUR-MAN ENHANCED  
PERIMETER ARMOR FRAG 1, 2,  
AND 5 MODIFICATION KIT**

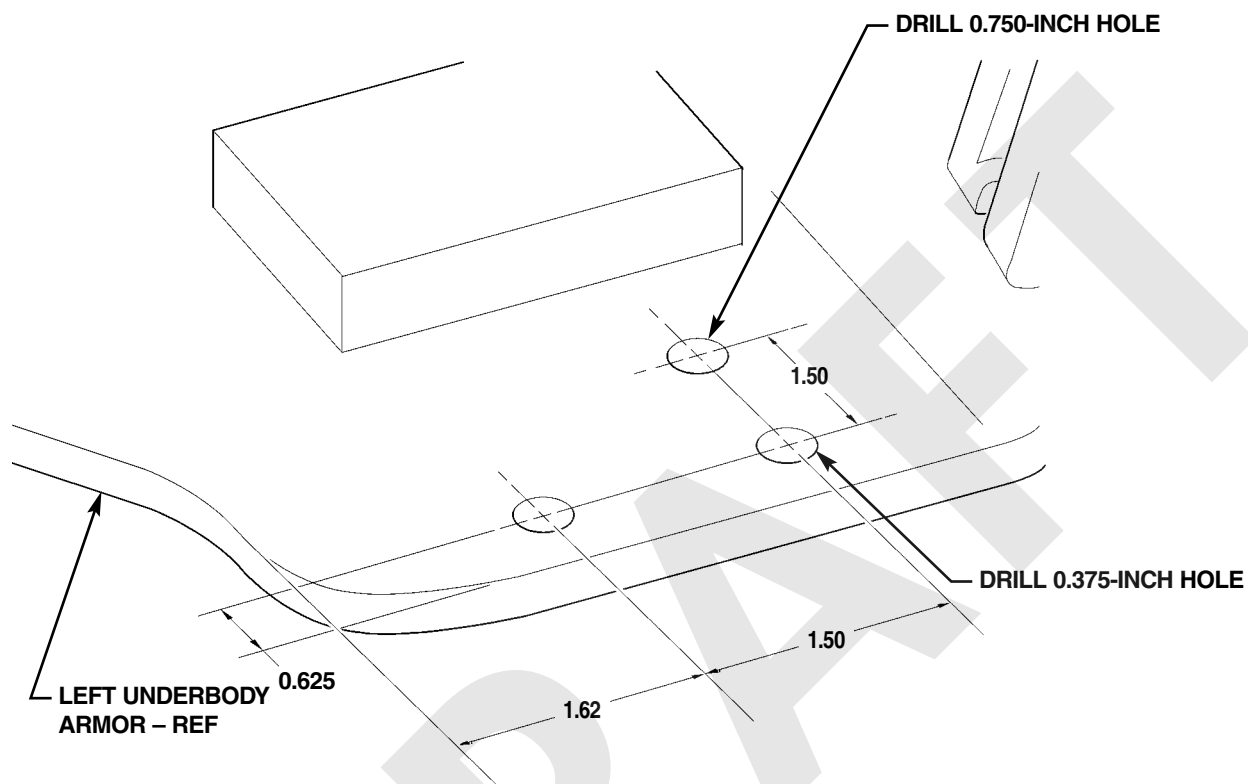
SIZE  
**A**

CAGE CODE  
**34623**

**6032143**

REVISION LEVEL —

SHEET 42



**FIGURE 32**

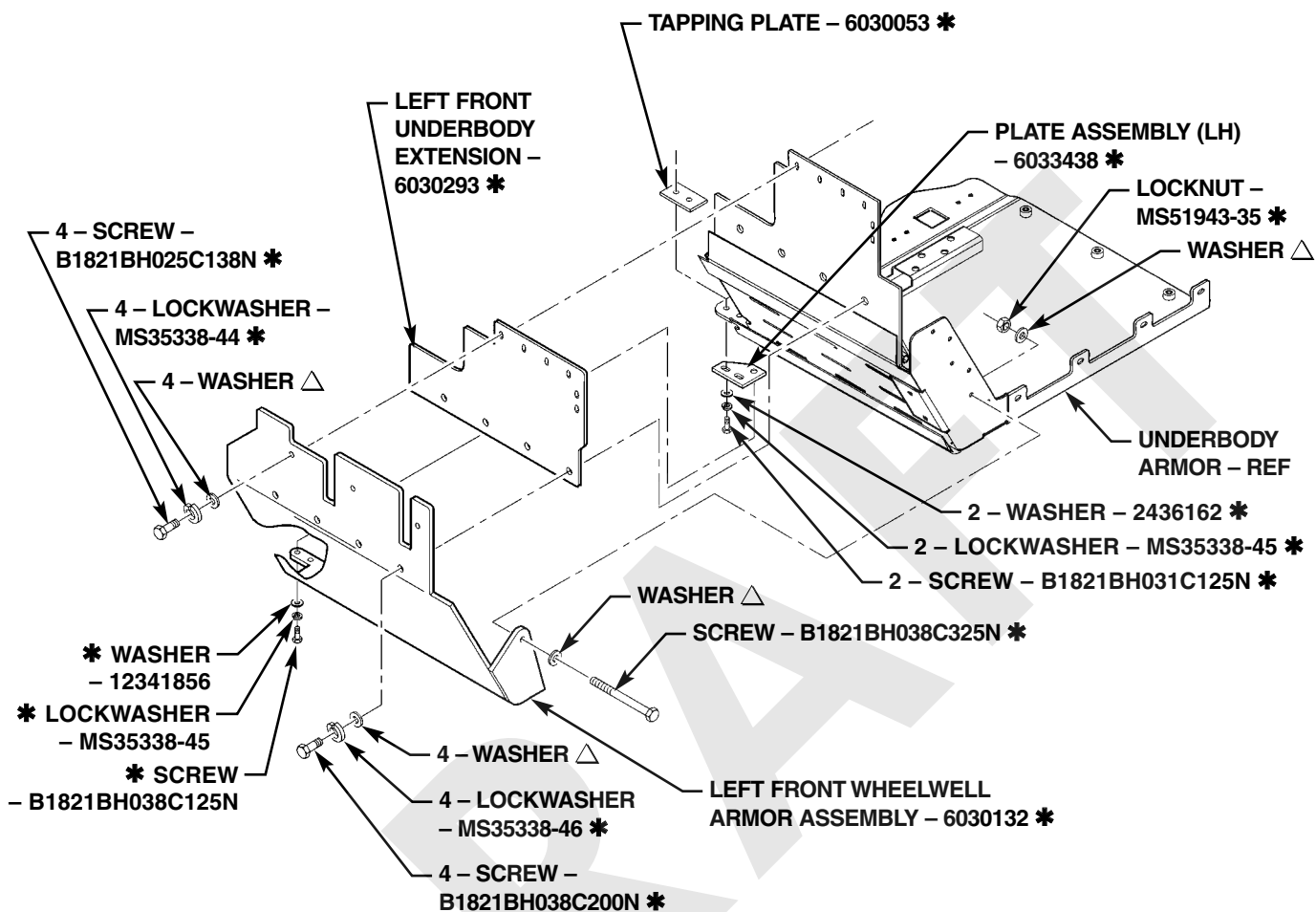
**INSTALLATION INSTRUCTIONS,  
FOUR-MAN ENHANCED  
PERIMETER ARMOR FRAG 1, 2,  
AND 5 MODIFICATION KIT**

**SIZE  
A**

**CAGE CODE  
34623**

**6032143**

**REVISION LEVEL — SHEET 43**



BODY REMOVED FOR CLARITY

FIGURE 33

INSTALLATION INSTRUCTIONS,  
FOUR-MAN ENHANCED  
PERIMETER ARMOR FRAG 1, 2,  
AND 5 MODIFICATION KIT

SIZE

A

CAGE CODE

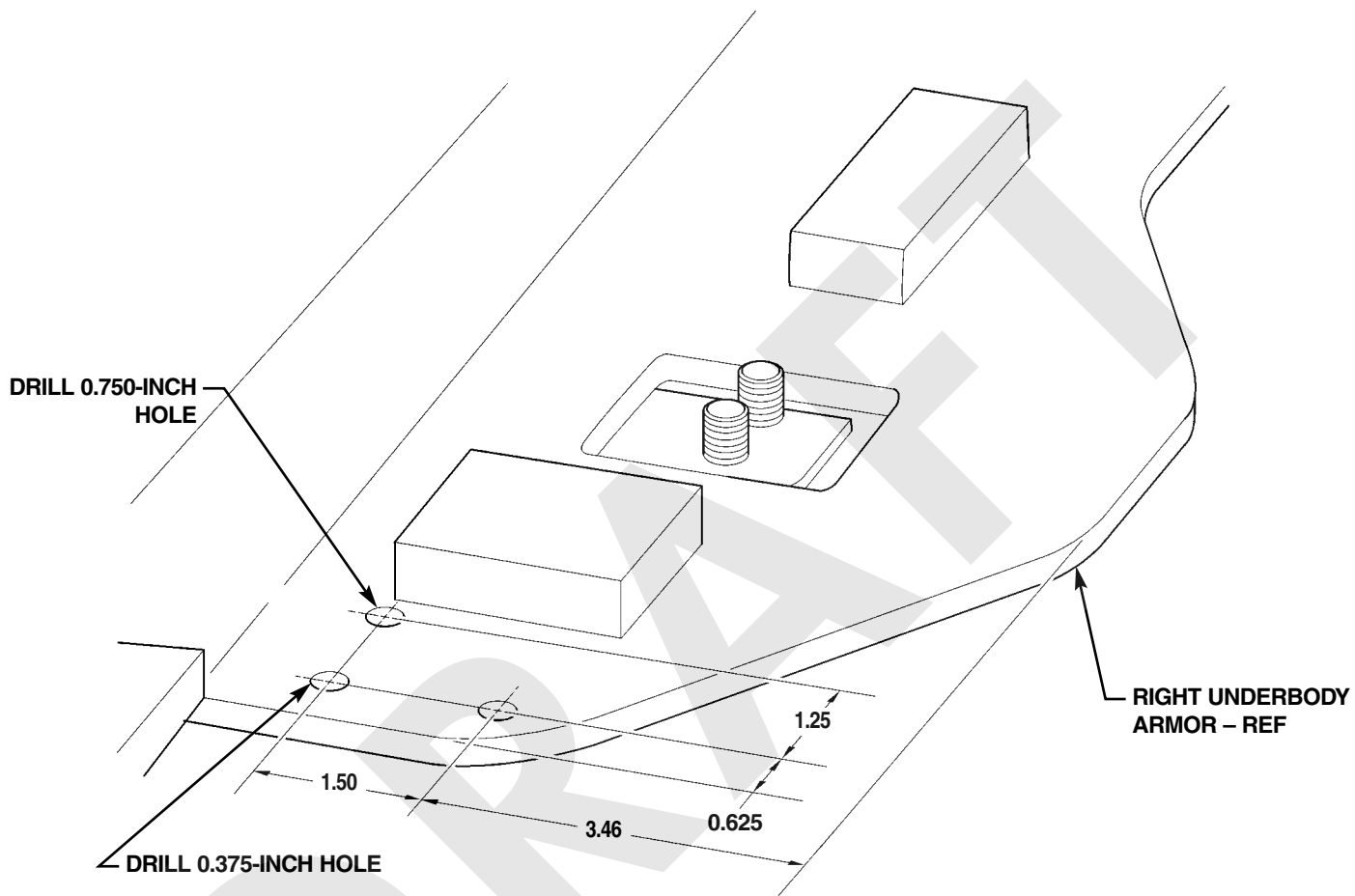
34623

6032143

REVISION LEVEL

—

SHEET 44



**FIGURE 34**

**INSTALLATION INSTRUCTIONS,  
FOUR-MAN ENHANCED  
PERIMETER ARMOR FRAG 1, 2,  
AND 5 MODIFICATION KIT**

**SIZE  
A**

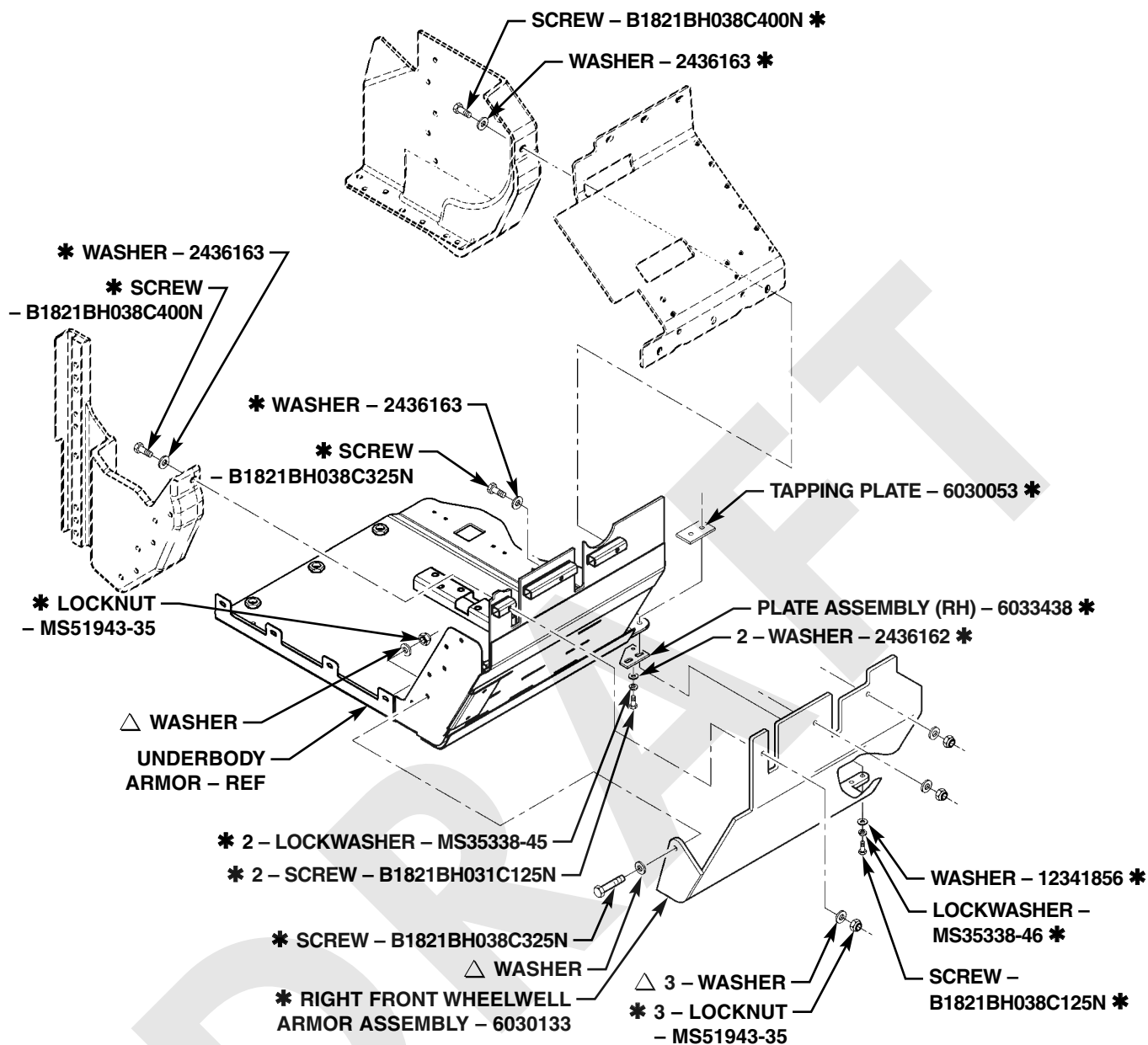
**CAGE CODE  
34623**

**6032143**

**REVISION LEVEL**

**—**

**SHEET 45**



**FIGURE 35**

**INSTALLATION INSTRUCTIONS,  
FOUR-MAN ENHANCED  
PERIMETER ARMOR FRAG 1, 2,  
AND 5 MODIFICATION KIT**

SIZE

**A**

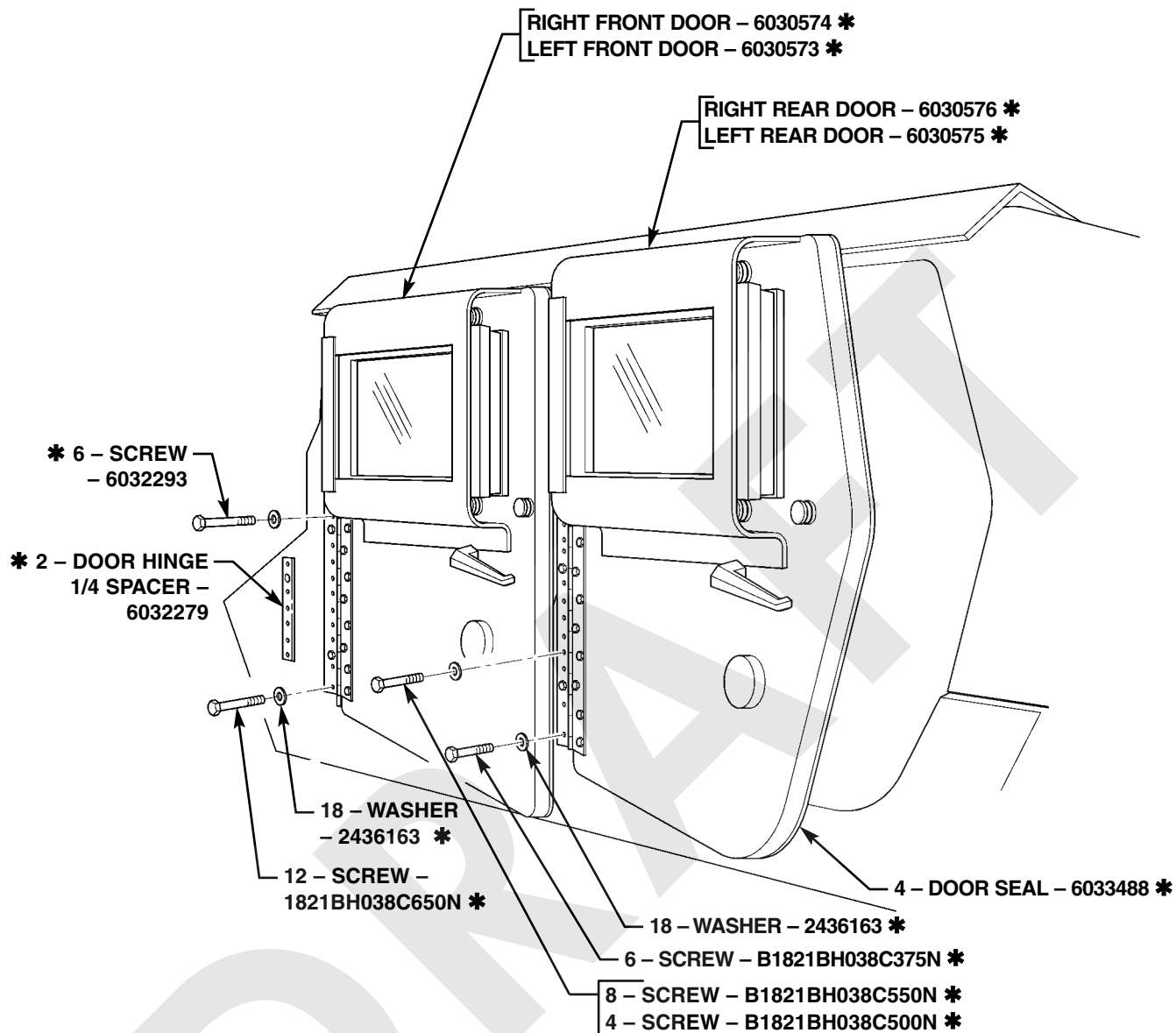
CAGE CODE

**34623**

**6032143**

REVISION LEVEL —

SHEET 46



LEFT SIDE SHOWN, RIGHT SIDE OPPOSITE

FIGURE 36

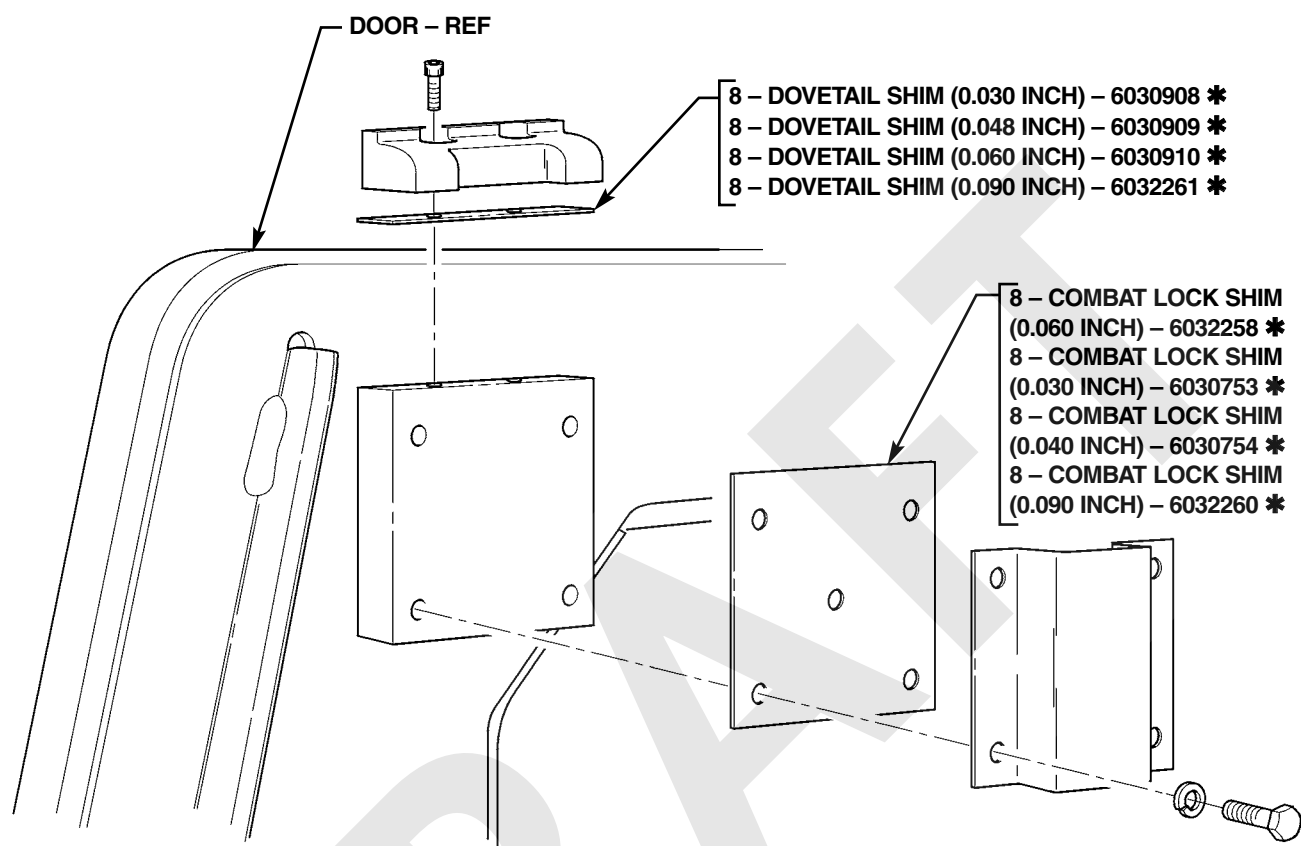
INSTALLATION INSTRUCTIONS,  
FOUR-MAN ENHANCED  
PERIMETER ARMOR FRAG 1, 2,  
AND 5 MODIFICATION KIT

SIZE  
**A**

CAGE CODE  
**34623**

**6032143**

REVISION LEVEL — SHEET 47



LEFT SIDE SHOWN, RIGHT SIDE OPPOSITE

FIGURE 37

INSTALLATION INSTRUCTIONS,  
FOUR-MAN ENHANCED  
PERIMETER ARMOR FRAG 1, 2,  
AND 5 MODIFICATION KIT

SIZE  
**A**

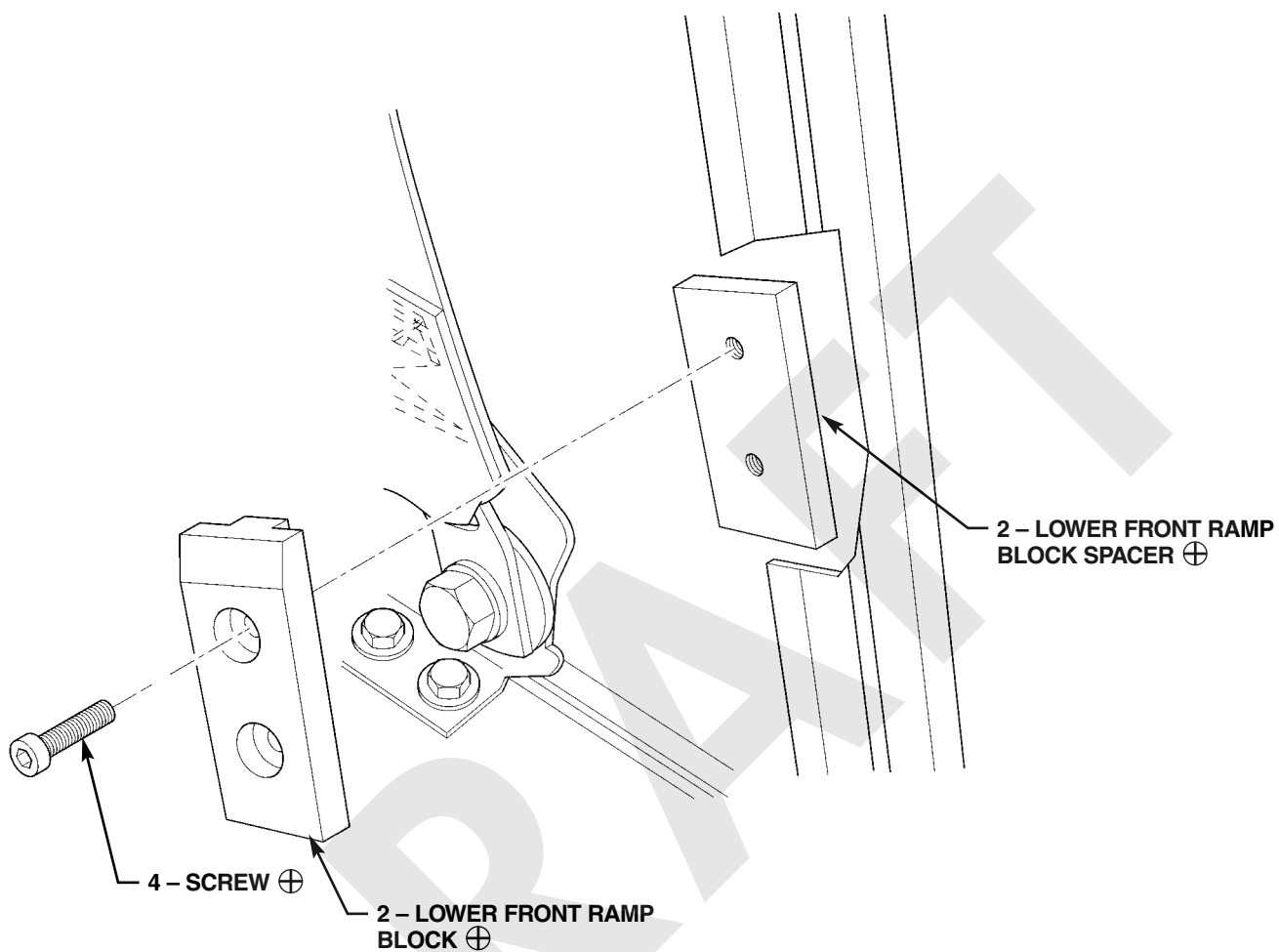
CAGE CODE  
**34623**

**6032143**

REVISION LEVEL —

SHEET 48





LEFT SIDE SHOWN, RIGHT SIDE OPPOSITE

**FIGURE 38**

**INSTALLATION INSTRUCTIONS,  
FOUR-MAN ENHANCED  
PERIMETER ARMOR FRAG 1, 2,  
AND 5 MODIFICATION KIT**

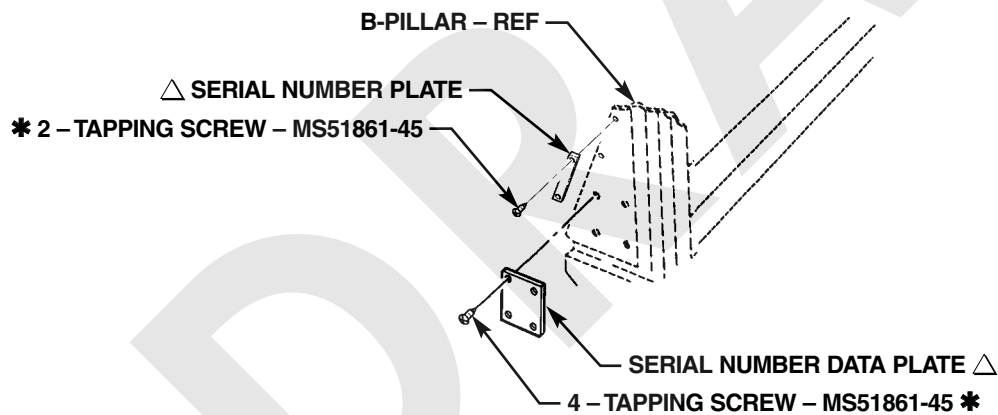
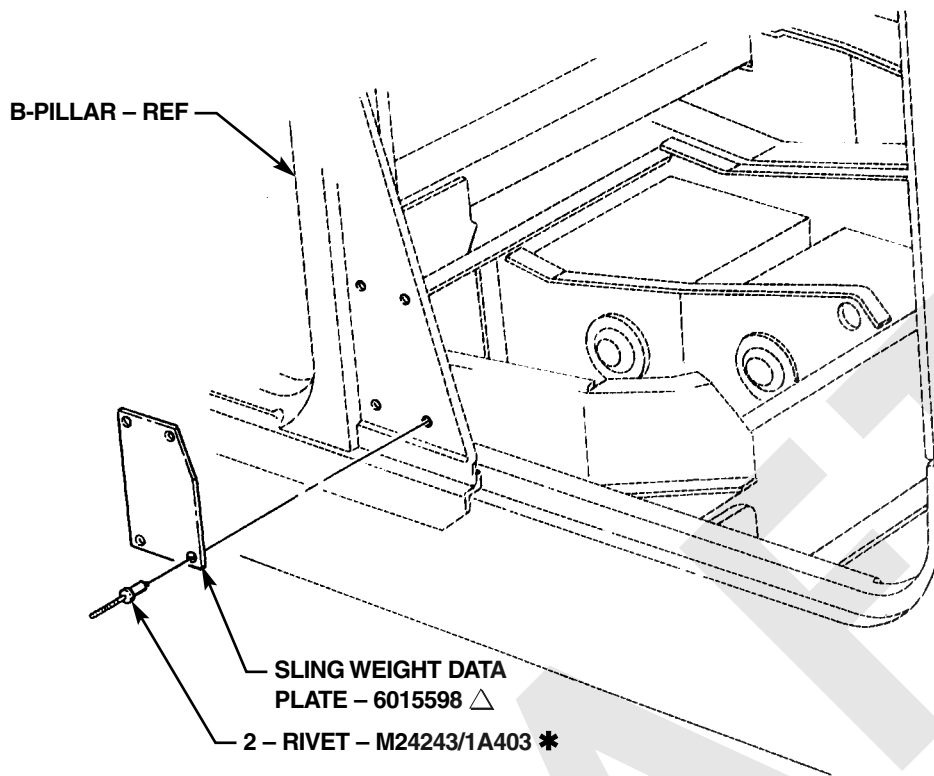
SIZE  
**A**

CAGE CODE  
**34623**

**6032143**

REVISION LEVEL —

SHEET 49



**FIGURE 39**

**INSTALLATION INSTRUCTIONS,  
FOUR-MAN ENHANCED  
PERIMETER ARMOR FRAG 1, 2,  
AND 5 MODIFICATION KIT**

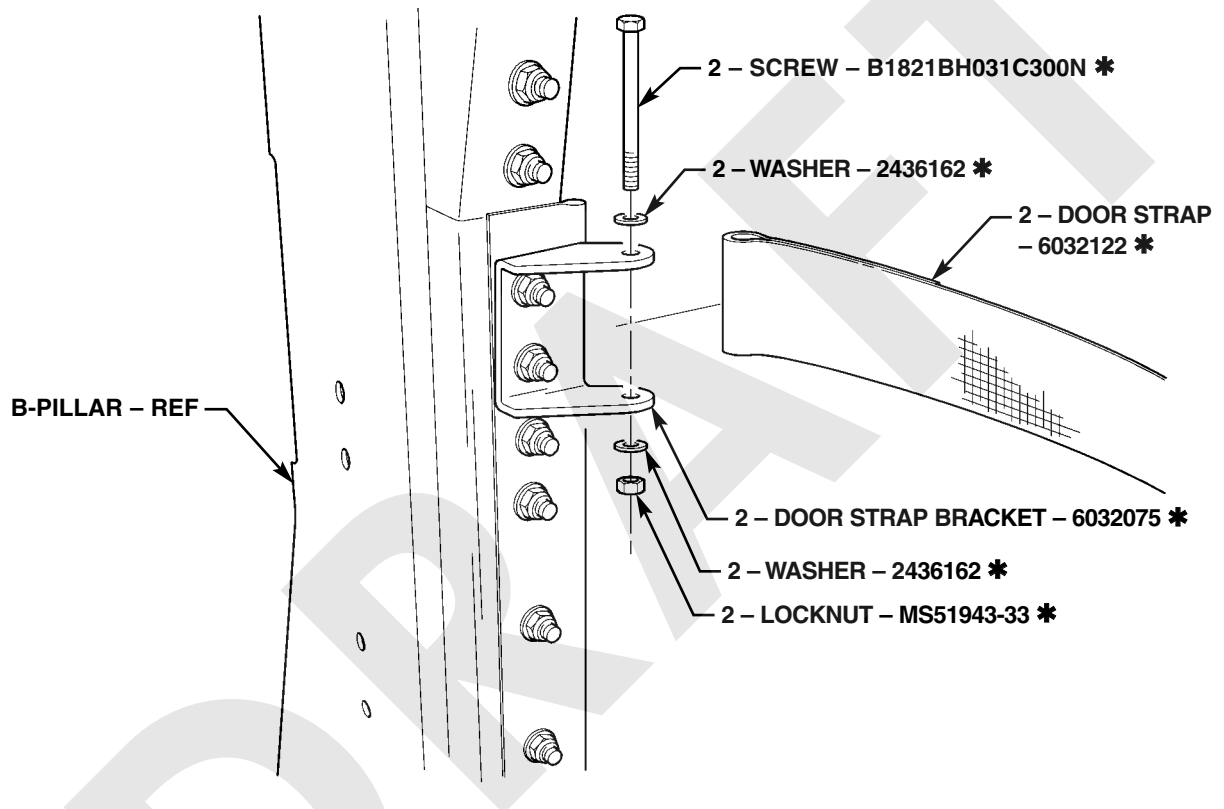
SIZE  
**A**

CAGE CODE  
**34623**

**6032143**

REVISION LEVEL —

SHEET 50



LEFT SIDE SHOWN, RIGHT SIDE OPPOSITE

FIGURE 40

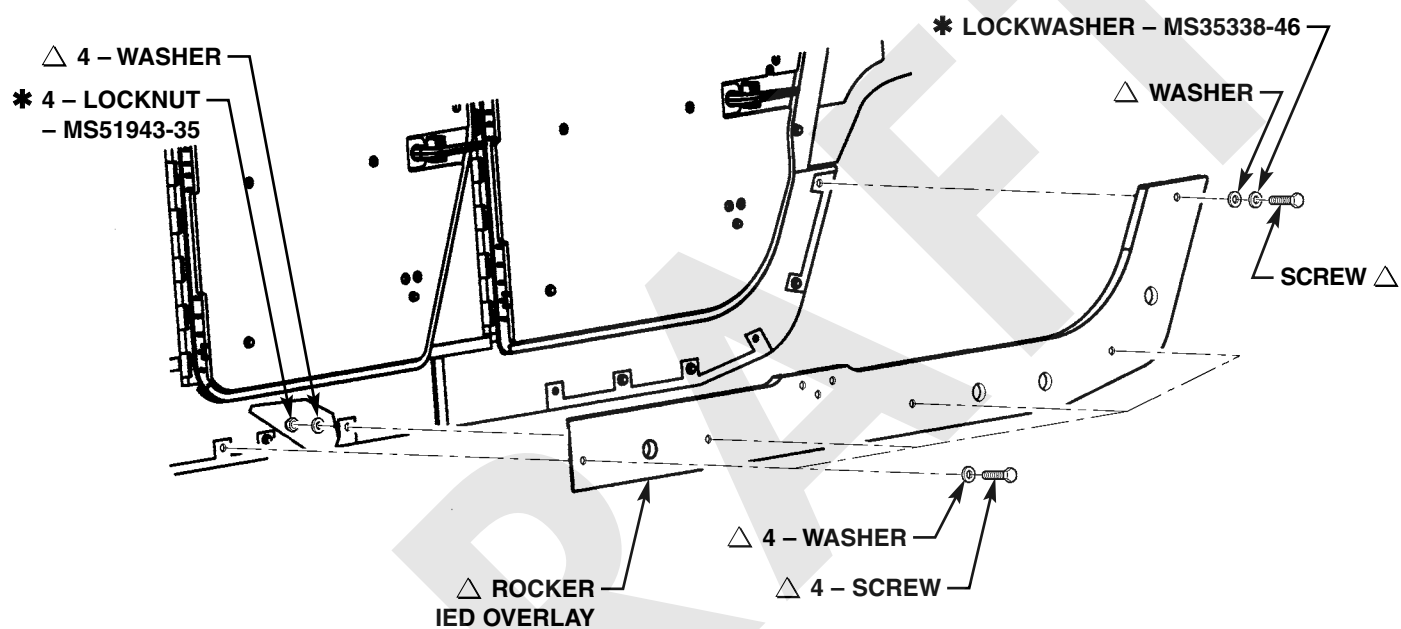
INSTALLATION INSTRUCTIONS,  
FOUR-MAN ENHANCED  
PERIMETER ARMOR FRAG 1, 2,  
AND 5 MODIFICATION KIT

SIZE  
**A**

CAGE CODE  
**34623**

**6032143**

REVISION LEVEL — SHEET 51



DOORS SHOWN FOR CLARITY

FIGURE 41

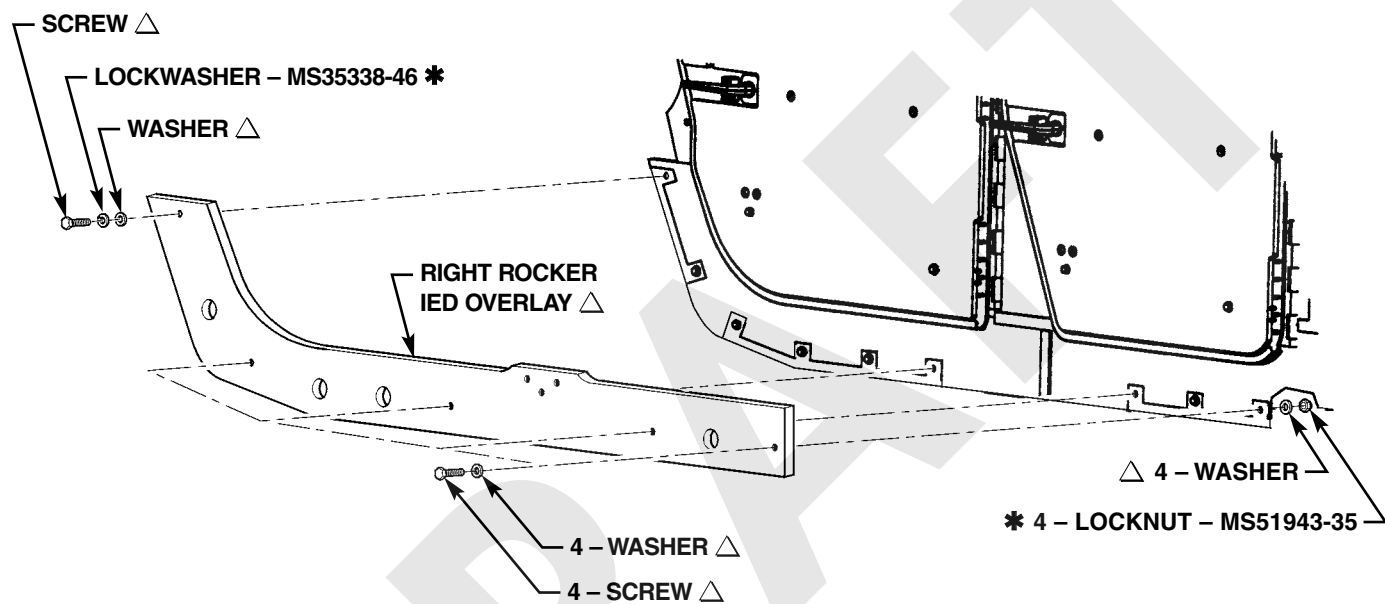
INSTALLATION INSTRUCTIONS,  
FOUR-MAN ENHANCED  
PERIMETER ARMOR FRAG 1, 2,  
AND 5 MODIFICATION KIT

SIZE  
**A**

CAGE CODE  
**34623**

**6032143**

REVISION LEVEL — SHEET 52



DOORS SHOWN FOR CLARITY

FIGURE 42

INSTALLATION INSTRUCTIONS,  
FOUR-MAN ENHANCED  
PERIMETER ARMOR FRAG 1, 2,  
AND 5 MODIFICATION KIT

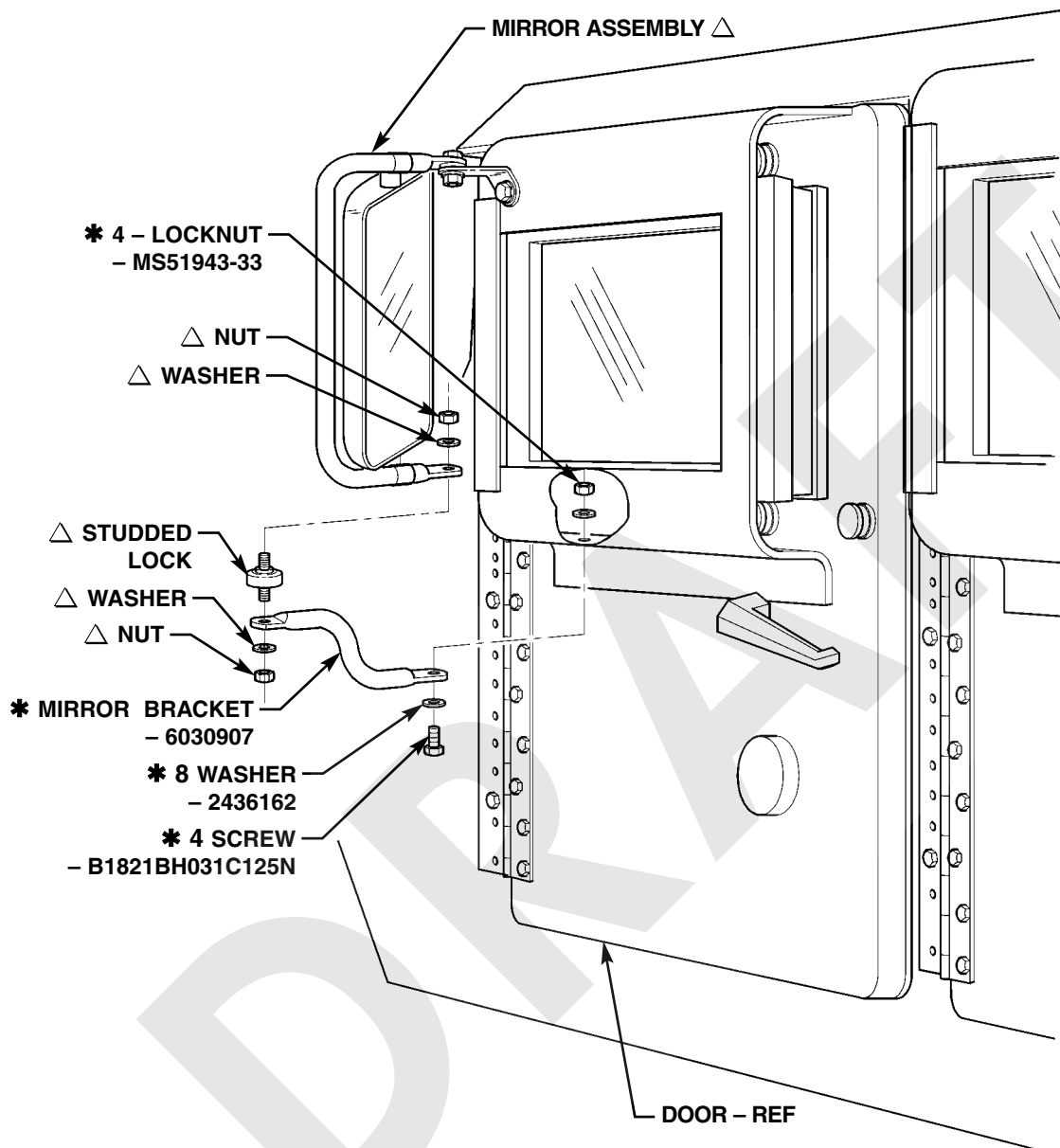
SIZE  
**A**

CAGE CODE  
**34623**

**6032143**

REVISION LEVEL —

SHEET 53



LEFT SIDE SHOWN, RIGHT SIDE OPPOSITE

**FIGURE 43**

**INSTALLATION INSTRUCTIONS,  
FOUR-MAN ENHANCED  
PERIMETER ARMOR FRAG 1, 2,  
AND 5 MODIFICATION KIT**

SIZE  
**A**

CAGE CODE  
**34623**

**6032143**

REVISION LEVEL —

SHEET 54